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THREE THOUSAND EXERCISES

ARITHMETIC.

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**BY DAVID RING,**

**Principal of the Female Public High School, Front Street  
Baltimore.**  
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NEW EDITION—REVISED AND CORRECTED.

WITH

AN APPENDIX BY W. J. LEWIS.

PHILADELPHIA:

W. S. FORTESCUE & CO.,

SUCCESSORS TO E. C. & J. BIDDLE,

811 ARCH ST.

1876.

Ed. T 118.76.735
✓

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PREFACE.

It has been, for several years past, a subject of complaint with intelligent teachers, that the Arithmetics in use,—even those which are accounted the best,—do not contain a sufficient number of exercises,—of such, especially, as have relation to the common business of life.

To remedy this evil, many painstaking instructors have used two or more arithmetics, either collaterally or in succession, in order that one might supply the defects of another. Not satisfied with this, they have resorted to other means, the most common of which has been, that of writing on slips of paper, or on cards, exercises suited to the immediate wants of their various classes. Some have gone so far as to write out on cards, duplicates, triplicates, and even quadruplicates, of many hundred exercises, and to make a key to them, in order that they might have on hand a kind of permanent stock, which would enable them, at all times, to diversify the tasks, and promote the advancement of their pupils. The course last named, when once

adopted, has been found so beneficial, that no teacher, it is believed, has ever abandoned it. But it has, as will be readily supposed, proved laborious and troublesome in the extreme; and the wish has often been expressed, that some one would undertake the publication of such a series of exercises as would meet the wants of the time. The object of the following work will, therefore, be readily understood.

With regard to the merits of his performance, the author has not one word to say; nor does he think proper to recommend any particular manner of using it. On both these points, no well qualified instructor can be at a loss in deciding for himself.

A Key to the Exercises has been published, which will be sold to teachers only.

In issuing a second edition of the Arithmetical Exercises, the author would merely remark, that the few errors which had escaped his notice in passing the first edition through the press, have been carefully corrected in this.

BALTIMORE, December 1844.

THREE THOUSAND EXERCISES

IN

ARITHMETIC.

Sec. 1.

- 1 $253 + 143 + 353 + 123 + 343$
- 2 $424 + 434 + 244 + 154 + 354$
- 3 $131 + 342 + 335 + 415 + 575$
- 4 $324 + 423 + 546 + 316 + 406$
- 5 $143 + 355 + 237 + 567 + 667$
- 6 $536 + 261 + 628 + 148 + 368$
- 7 $250 + 332 + 469 + 659 + 579$
- 8 $623 + 346 + 574 + 797 + 504$
- 9 $538 + 454 + 198 + 609 + 391$
- 10 $4792 + 6754 + 3196 + 417 + 287$
- 11 $4826 + 2147 + 7138 + 2190 + 5342$
- 12 $5244 + 3079 + 5467 + 2439 + 1204$
- 13 $8648 + 7137 + 4249 + 7162 + 4847$
- 14 $3567 + 4109 + 6166 + 8245 + 1296$
- 15 $4567 + 5874 + 3957 + 9748 + 5471$
- 16 $3574 + 1865 + 4286 + 4972 + 7296$
- 17 $4736 + 5742 + 3740 + 2923 + 4136 + 354$
- 18 $7861 + 3091 + 1309 + 8989 + 6748 + 268$
- 19 $4275 + 2844 + 8215 + 4756 + 3575 + 197$
- 20 $8624 + 1675 + 7642 + 3975 + 7467 + 311$
- 21 $4397 + 5873 + 9476 + 176 + 287 + 145$
- 22 $7146 + 2479 + 3684 + 506 + 47 + 59$
- 23 $59787 + 67486 + 71295 + 87468 + 74576$
- 24 $82978 + 63747 + 20583 + 49879 + 68378$
- 25 $54317 + 43987 + 68758 + 28468 + 65082$
- 26 $97647 + 14274 + 51927 + 32916 + 17462$

Sec. 1.

- 27 687490 + 594748 + 8747 + 12846 + 4172
 28 267 + 187 + 4968 + 597 + 746 + 34 + 7482
 29 49 + 4667 + 834 + 76 + 569 + 2871596
 30 3554709 + 42896 + 473427 + 1257411
 31 4834 + 339 + 496 + 6974 + 3964 + 729 + 88
 32 2896746 + 1976875 + 6474608 + 4191875
 + 9276743 + 3014744 + 8786219
 / 33 5036178 + 7126897 + 2965606 + 7743287
 + 6774574 + 3798486 + 1391574
 34 2867 + 4129 + 5346 + 6894 + 43472 + 4997
 + 3676 + 1689 + 3741 + 2563 + 5946
 35 246 + 1573 + 497 + 6834 + 89 + 7986 + 689
 + 74 + 68 + 2789 + 1879 + 63742
 36 60086 + 71009 + 67140 + 90086 + 51200
 + 81685 + 17494 + 180009
 37 63596 + 82805 + 110276 + 121768 + 974506
 + 77681 + 86409 + 38715 + 789
 38 Five + eight + eleven + fourteen + twelve.
 39 Seventeen + twenty-five + sixty-three.
 40 Forty + fifty-nine + sixty-eight + seventy-nine
 + eighty-six + ninety-seven + forty-four.
 41 One hundred + two hundred + three hundred
 + four hundred + five hundred + six hun-
 dred.
 42 One hundred and five + one hundred and ten
 + one hundred and sixteen + one hundred
 and twenty-five.
 43 Two hundred and one + two hundred and
 twenty + two hundred and ninety-six + two
 hundred and eighty-one.
 44 347 + 411 + 673 + one thousand and 5.

Sec. 2.

1	46382—	15456	32	597576—	4728
2	78143—	25674	33	163742—	9687
3	39525—	21737	34	281546—	767
4	57180—	38645	35	137285—	94673
5	60125—	17441	36	4127386—	1986
6	82746—	38957	37	7000000—	57
7	61401—	24356	38	926242—	7273
8	33439—	18641	39	29896—	14993
9	46511—	30473	40	782572—	96475
10	82435—	60199	41	591287—	591278
11	98626—	59243	42	2080240—	176757
12	67471—	65274	43	375296—	89474
13	75692—	74973	44	171005—	19276
14	92120—	91846	45	437692—	79841
15	84777—	83889	46	189501—	14998
16	567184—	427286	47	312416—	192547
17	483741—	287674	48	189675—	96743
18	796820—	398756	49	546287—	277129
19	974733—	197486	50	547626—	28719
20	188479—	97674	51	1391286—	426547
21	650000—	142765	52	2137684—	1298619
22	177107—	58243	53	5176743—	2573187
23	596742—	119796	54	7485692—	1972574
24	384673—	217468	55	977467—	686293
25	547286—	426954	56	48612656—	2978
26	315907—	208972	57	56133442—	79675
27	4016730—	973164	58	31000243—	79756
28	2713482—	368579	59	87560091—	25499
29	3436123—	497067	60	16378620—	98625
30	2563874—	87596	61	7429384—	83978
31	7612198—	4996	62	1961749—	97471

Sec. 2.

- 63 One hundred—forty-six.
- 64 Two hundred—seventy-five.
- 65 Three hundred and ten—one hundred and twenty-six.
- 66 One thousand—two hundred and twenty-five.
- 67 Two thousand two hundred—seventy-nine.
- 68 Three thousand six hundred and ten—sixty-six.
- 69 Ten thousand—two hundred and seventy-nine.
- 70 Eleven thousand one hundred—eighty-four.
- 71 Twelve thousand and forty—seven hundred and eighty-seven.
- 72 Twenty-one thousand—two thousand and nine.
- 73 Three thousand one hundred and thirty-five—
—one thousand seven hundred and forty-two.
- 74 Six thousand one hundred and thirty—nine hundred and sixty-three.
- 75 Fourteen thousand six hundred and eleven—
—five thousand two hundred and eight.
- 76 Fifty-three thousand and six—thirty-eight.
- 77 Sixty-seven thousand four hundred and thirteen—
—twenty-one thousand and nine.
- 78 Seventy-eight thousand five hundred and thirteen—
—nine thousand and sixty-five.
- 79 Eighty-six thousand—thirty-three thousand four hundred and forty-seven.
- 80 Ninety thousand—fifty-eight thousand two hundred and ninety-four.

Sec. 3.

1	987654321 × 2	32	708948653 × 6
2	987654321 × 3	33	264873519 × 7
3	987654321 × 4	34	790657824 × 6
4	987654321 × 5	35	375924860 × 8
5	987654321 × 6	36	746748598 × 8
6	987654321 × 7	37	547409865 × 9
7	987654321 × 8	38	317546258 × 9
8	987654321 × 9	39	486297351 × 11
9	987654321 × 10	40	975386428 × 11
10	123456789 × 2	41	426889357 × 12
11	123456789 × 3	42	765419829 × 12
12	123456789 × 4	43	869542 × 23
13	123456789 × 5	44	756489 × 34
14	123456789 × 6	45	476509 × 45
15	123456789 × 7	46	617995 × 56
16	123456789 × 8	47	599876 × 67
17	123456789 × 9	48	8376759 × 78
18	123456789 × 10	49	196785 × 89
19	987654321 × 11	50	6785439 × 16
20	987654321 × 12	51	5974863 × 21
21	123456789 × 11	52	4875869 × 24
22	123456789 × 12	53	3754687 × 25
23	864297534 × 2	54	7465938 × 28
24	479374973 × 2	55	2946758 × 32
25	537937954 × 3	56	1976809 × 36
26	462868428 × 3	57	4907685 × 42
27	856794235 × 4	58	7578943 × 44
28	745639829 × 4	59	6849573 × 49
29	198275634 × 5	60	5108967 × 54
30	562847395 × 5	61	2197568 × 56
31	847653970 × 6	62	4578691 × 63

Sec. 3.

63	7279683×72	68	4576872×96
64	6748753×77	69	8149876×66
65	5948607×81	70	4138779×45
66	6275876×84	71	7980897×48
67	7479876×88	72	1908978×55

73 Three hundred and seventy-three×twelve.

74 Five hundred and ninety-seven×twenty-three.

75 Eight hundred and forty-eight×seventy-five.

76 One thousand six hundred and seventeen×fifty-four.

77 Three thousand six hundred and nine×forty-six.

78 Five thousand four hundred and one×sixty-eight.

79 Seven thousand seven hundred and ten×nineteen.

80 Eleven thousand two hundred and twenty-six×38.

81 Twelve thousand seven hundred and twelve×29.

82 Thirteen thousand nine hundred and forty-one×73.

83 Seventeen thousand five hundred and eight×47.

84 Twenty-three thousand one hundred and four×28.

85 Twenty-eight thousand two hundred and two×37.

86 Fifty-three thousand five hundred and three×46.

Sec. 4.

1	465087X	123	32	379596X	4197
2	574876X	243	33	447468X	7684
3	876674X	435	34	674930X	5790
4	719876X	546	35	486706X	2080
5	374687X	537	36	540670X	40130
6	865472X	648	37	210700X	70600
7	376548X	739	38	68470X	40900
8	490096X	868	39	700900X	6900
9	672759X	674	40	817000X	4700
10	279765X	359	41	399000X	990
11	472567X	489	42	576710X	8070
12	726588X	873	43	774389X	7060
13	217386X	407	44	27748X	4875
14	216758X	608	45	43596X	6747
15	721467X	309	46	38467X	26696
16	147596X	603	47	47799X	37967
17	276767X	807	48	85276X	68764
18	571908X	906	49	27874X	14978
19	166493X	1246	50	67768X	70060
20	713678X	2357	51	78090X	60070
21	846749X	3723	52	54060X	70300
22	139626X	3704	53	69175X	21479
23	246751X	4608	54	83674X	59749
24	576756X	6504	55	219657X	9897
25	642857X	5704	56	187679X	8497
26	314752X	4029	57	471360X	50700
27	721376X	5062	58	780099X	80078
28	843298X	3074	59	94767X	507000
29	713873X	7056	60	649295X	38769
30	381276X	6008	61	978409X	47300
31	897345X	8007	62	5748619X	14678

Sec. 4.

- 63 Thirty-eight thousand six hundred and four
 \times five thousand and thirty-six.
- 64 Fifty-three thousand five hundred and seven
 \times eight thousand and fourteen.
- 65 One hundred and twenty-four thousand five
 hundred and seven \times 2 thousand and six.
- 66 Two hundred and eight thousand and forty
 three \times 5 thousand and ninety-four.
- 67 Eight hundred and one thousand nine hun-
 dred and fifty-nine \times 20170.
- 68 Nine hundred and fourteen thousand six
 hundred and eight \times 4072.
- 69 Six hundred and ten thousand four hundred
 and thirty-five \times 2 thousand and 83.
- 70 Three hundred and seven thousand two hun-
 dred and nine \times 30 thousand and eight.
- 71 Five hundred thousand nine hundred and
 eighty-eight \times 43 thousand and 40.
- 72 One million two hundred and forty-six thou-
 sand three hundred and seven \times 3900.
- 73 Two millions five hundred and 7 thousand
 eight hundred and thirty-nine \times 4090.
- 74 Three millions 6 hundred and eleven thou-
 sand and 94 \times 5 thousand and six.
- 75 Four millions and forty-seven thousand six
 hundred and ninety \times 7 thousand 9 hun-
 dred.
- 76 6 millions 718 thousand 204 \times 571.
- 77 Seven millions 807 thousand nine hundred
 and fifty-seven \times sixty-one thousand seven
 hundred and eighty-nine.

Sec. 5.

1	256732 ÷ 2	32	6874907 ÷ 6
2	634854 ÷ 2	33	4819764 ÷ 7
3	823474 ÷ 2	34	8734976 ÷ 9
4	1295471 ÷ 2	35	5981381 ÷ 8
5	1635729 ÷ 2	36	1274576 ÷ 10
6	574936 ÷ 2	37	11947572 ÷ 4
7	369426 ÷ 3	38	5477069 ÷ 2
8	272685 ÷ 3	39	4381461 ÷ 5
9	683723 ÷ 3	40	3741980 ÷ 3
10	846824 ÷ 4	41	2756179 ÷ 6
11	1964736 ÷ 4	42	3134219 ÷ 4
12	2586730 ÷ 4	43	5613826 ÷ 9
13	257386 ÷ 5	44	7346298 ÷ 7
14	374869 ÷ 5	45	2674630 ÷ 10
15	942874 ÷ 5	46	1487673 ÷ 11
16	1374865 ÷ 6	47	2515679 ÷ 11
17	2347857 ÷ 6	48	6175781 ÷ 11
18	3739741 ÷ 6	49	16749680 ÷ 12
19	9472860 ÷ 7	50	17384317 ÷ 12
20	3107486 ÷ 7	51	33746071 ÷ 12
21	434740 ÷ 7	52	29483740 ÷ 12
22	8619864 ÷ 8	53	30071001 ÷ 7
23	5307489 ÷ 8	54	41006100 ÷ 9
24	7357487 ÷ 8	55	10010736 ÷ 8
25	5768341 ÷ 9	56	21007007 ÷ 12
26	3254873 ÷ 9	57	5193067 ÷ 9
27	6590706 ÷ 9	58	7209871 ÷ 11
28	5149892 ÷ 10	59	9037141 ÷ 12
29	5946489 ÷ 3	60	11704283 ÷ 12
30	61200960 ÷ 5	61	13476147 ÷ 9
31	20749174 ÷ 4	62	21309281 ÷ 12

Sec. 5.

/ 63	1470 ÷ 13	69	2471 ÷ 19
64	1565 ÷ 14	70	2810 ÷ 13
65	1683 ÷ 15	71	3425 ÷ 14
66	1798 ÷ 16	72	3716 ÷ 15
67	1999 ÷ 17	73	4029 ÷ 16
68	2325 ÷ 18	74	4131 ÷ 17

- 75 Eight millions seven hundred and fourteen thousand and fifty-nine ÷ eleven.
- 76 Nine millions three hundred and six thousand and thirty ÷ twelve.
- 77 Twelve millions three hundred and nine thousand and eighty-six ÷ 9.
- 78 Twenty-three millions seven hundred and eight thousand and 46 ÷ twelve.
- 79 Forty millions seven hundred and thirty thousand and 68 ÷ nine.
- 80 Sixty-seven millions nine hundred and eighteen thousand and 29 ÷ 12.
- 81 One hundred millions ÷ eight.
- 82 Two hundred and six millions seven thousand and nine ÷ 11.
- 83 Forty-seven thousand three hundred and forty-one ÷ thirteen.
- 84 Fifty-one thousand eight hundred and ninety-six ÷ fourteen.
- 85 Sixty-three thousand two hundred and thirty-four ÷ fifteen.
- 86 Seventy-three thousand and one ÷ 16.
- 87 Eighty-eight thousand four hundred and seven ÷ 17.
- 88 Ninety thousand and nine ÷ 18.

Sec. 6.

1	24627÷	21	32	183726÷	137
2	28956÷	23	33	253987÷	108
3	29746÷	25	34	246594÷	116
4	32476÷	27	35	297849÷	146
5	34798÷	28	36	347467÷	158
6	38574÷	34	37	376594÷	237
7	47251÷	37	38	496748÷	219
8	48743÷	39	39	674968÷	356
9	44350÷	36	40	875423÷	348
10	56347÷	45	41	11684976÷	374
11	54371÷	47	42	1274978÷	436
12	68743÷	53	43	1586465÷	599
13	71348÷	59	44	1784796÷	749
14	86349÷	65	45	2483506÷	875
15	91378÷	73	46	3167468÷	973
16	97485÷	86	47	4131094÷	856
17	73476÷	23	48	4727208÷	795
18	87497÷	35	49	1674836÷	1246
19	113468÷	81	50	2987591÷	1752
20	116704÷	74	51	3790790÷	1595
21	126937÷	79	52	4176546÷	1847
22	151298÷	98	53	7675476÷	2579
23	178347÷	64	54	8678774÷	3908
24	184527÷	59	55	7995097÷	2974
25	195743÷	37	56	8137379÷	5126
26	207486÷	29	57	3759675÷	20
27	217724÷	27	58	1957487÷	20
28	234806÷	24	59	3874930÷	20
29	148749÷	106	60	4974153÷	20
30	158344÷	113	61 ⁰	83747390÷	20
31	163549÷	125	62	4269389÷	20

Sec. 6.

63 ¹	5867451 ÷	30	72	1437481 ÷	60
64	2567859 ÷	40	73 ¹	9384736 ÷	30
65	11768530 ÷	50	74	2476831 ÷	20
66	3743561 ÷	60	75	6874567 ÷	200
— 67 ¹	1984873 ÷	70	76	7149674 ÷	300
68	9573675 ÷	80	77	8167140 ÷	400
69	3126539 ÷	90	78	31801300 ÷	500
70	5107461 ÷	20	79 ⁰	49713419 ÷	6000 —
71 ⁰	3075472 ÷	40	80	39748701 ÷	7000

081 2976747681 ÷ 2193900

82 4594753619 ÷ 1791300

83 7201508199 ÷ 3430000

— 084 6537298310 ÷ 4197000

85 8013147100 ÷ 3291000

86 9970259747 ÷ 4760000

187 5305146715 ÷ 2091000

88 3937071729 ÷ 5171000

89 Thirty-two millions six hundred and five thousand and eighty ÷ 2174.

90 Seventy-four millions fifty-nine thousand and thirty-eight ÷ 3190.

91 Eighty-three millions one hundred and 7 thousand and 41 ÷ 47070.

92 Ninety-nine millions seventy-three thousand and fourteen ÷ 189000.

93 One hundred millions ÷ 73000.

94 Two hundred and fifteen millions four hundred seventy-two thousand five hundred and seventy-nine ÷ 57000.

95 Eighty-eight millions two hundred and 9 thousand and 64 ÷ 59435.

Sec. 7.

- 1 25 cents + $12\frac{1}{2}$ + 50 + $37\frac{1}{2}$ + 16 + $62\frac{1}{2}$ + 28
- 2 75 cents + $31\frac{1}{4}$ + $56\frac{1}{4}$ + 33 + $81\frac{1}{4}$ + 14 + $6\frac{1}{4}$
- 3 $62\frac{1}{2}$ cents + 47 + 55 + $31\frac{1}{4}$ + $12\frac{1}{2}$ + 67 + $17\frac{1}{2}$
- 4 $12\frac{1}{2}$ cents + $62\frac{1}{2}$ + $37\frac{1}{2}$ + 10 + $87\frac{1}{2}$ + $12\frac{1}{2}$ + 15
- 5 36 cents + $6\frac{1}{4}$ + $27\frac{1}{2}$ + $31\frac{1}{4}$ + $37\frac{1}{2}$ + $14\frac{1}{2}$ + $4\frac{1}{2}$
- 6 $6\frac{1}{4}$ cents + $68\frac{3}{4}$ + 27 + $56\frac{1}{4}$ + $18\frac{3}{4}$ + 72 + $43\frac{3}{4}$
- 7 \$1.62 $\frac{1}{2}$ + 2.50 + 2.87 $\frac{1}{2}$ + 1.75 + 1.06 $\frac{1}{4}$ + 3.68 $\frac{3}{4}$
- 8 \$2.57 + 2.31 $\frac{1}{4}$ + 5.93 $\frac{3}{4}$ + 1.18 $\frac{3}{4}$ + 2.12 $\frac{1}{2}$ + 3.75
- 9 \$7.87 $\frac{1}{2}$ + 6.75 + 1.68 $\frac{3}{4}$ + .81 $\frac{1}{4}$ + .06 $\frac{1}{4}$ + 1.06 $\frac{1}{4}$
- 10 \$10.12 $\frac{1}{2}$ + 7.18 $\frac{3}{4}$ + 3.93 $\frac{3}{4}$ + .06 $\frac{1}{4}$ + .12 $\frac{1}{2}$ + 9.37 $\frac{1}{2}$
- 11 \$6.24 + .75 + 7.44 $\frac{3}{4}$ + 12.81 $\frac{1}{4}$ + .17 $\frac{1}{4}$ + 1.08 $\frac{1}{4}$
- 12 \$1.75 + 2.47 + 3.33 $\frac{1}{3}$ + 2.11 + .72 + 1.33 $\frac{1}{3}$
- 13 \$.33 $\frac{1}{3}$ + 5.04 + 5.33 $\frac{1}{3}$ + 3.40 + 6.33 $\frac{1}{3}$ + .90
- 14 \$1.20 + 2.46 + 1.16 $\frac{2}{3}$ + 2.66 $\frac{2}{3}$ + .84 + 2.33 $\frac{1}{3}$
- 15 \$187.73 $\frac{1}{3}$ + 94.26 $\frac{2}{3}$ + 26.66 $\frac{2}{3}$ + 194.84 $\frac{2}{3}$
- 16 \$49.27 + 753.33 $\frac{1}{3}$ + 21.66 $\frac{2}{3}$ + 9.16 $\frac{2}{3}$ + 126.38 $\frac{2}{3}$
- 17 \$174.33 $\frac{1}{3}$ + 21.46 $\frac{2}{3}$ + 2.16 $\frac{2}{3}$ + 87.73 $\frac{1}{3}$ + 1.56 $\frac{2}{3}$
- 18 \$47.08 + .33 $\frac{1}{3}$ + 2.21 $\frac{2}{3}$ + 15.16 $\frac{2}{3}$ + 137.64 $\frac{2}{3}$
- 19 \$7.47 + 11.17 $\frac{2}{3}$ + 1.68 $\frac{2}{3}$ + 19.34 $\frac{2}{3}$ + 143.73 $\frac{2}{3}$
- 20 \$39.06 $\frac{1}{4}$ + 18.68 $\frac{3}{4}$ + 21.12 $\frac{1}{2}$ + 13.62 $\frac{1}{2}$ + 7.14 $\frac{1}{2}$
- 21 \$28.18 $\frac{3}{4}$ + 7.06 $\frac{1}{4}$ + 14.27 $\frac{3}{4}$ + 49.93 $\frac{3}{4}$ + 19.93 $\frac{3}{4}$
- 22 \$60 12 $\frac{1}{2}$ + 76.87 $\frac{1}{2}$ + 23.37 $\frac{1}{2}$ + 16.81 $\frac{1}{4}$ + 34.76 $\frac{1}{2}$
- 23 \$1.47 $\frac{3}{4}$ + 2.70 $\frac{1}{4}$ + 31.17 $\frac{1}{2}$ + 11.16 $\frac{1}{4}$ + 39.20 $\frac{1}{2}$
- 24 \$2.76 + 13.77 $\frac{1}{2}$ + .87 $\frac{1}{2}$ + 22.43 $\frac{3}{4}$ + 11.12 $\frac{1}{2}$
- 25 \$4.66 $\frac{2}{3}$ + 21.33 $\frac{1}{3}$ + 12.88 $\frac{2}{3}$ + 1.57 + 112.16 $\frac{2}{3}$
- 26 \$15.76 $\frac{1}{3}$ + 111.13 $\frac{1}{3}$ + 49.93 $\frac{1}{3}$ + .84 $\frac{2}{3}$ + 121.24 $\frac{1}{3}$
- 27 \$70.46 + 83.42 $\frac{1}{3}$ + 38.69 $\frac{2}{3}$ + 14.16 $\frac{2}{3}$ + 119.71
- 28 \$58.78 $\frac{1}{4}$ + 97.36 $\frac{1}{2}$ + 120.37 $\frac{1}{2}$ + 90.87 $\frac{1}{2}$ + 10.06 $\frac{1}{4}$
- 29 \$1.29 $\frac{1}{4}$ + 7.07 + 6.81 $\frac{1}{4}$ + 59.93 $\frac{3}{4}$ + 62.37 $\frac{1}{2}$
- 30 \$194.70 $\frac{1}{2}$ + 223.46 $\frac{1}{4}$ + 331.47 $\frac{1}{4}$ + 211.77 $\frac{1}{4}$
- 31 73.06 $\frac{1}{4}$ + 9.72 $\frac{1}{2}$ + 1.12 $\frac{1}{2}$ + 7.72 $\frac{1}{4}$ + 8.75

Sec. 7.

32	87 $\frac{1}{4}$	cts.—31 $\frac{1}{4}$	cents	63	\$40.06 $\frac{1}{4}$	×	4
33	64 $\frac{1}{2}$	cts.—37 $\frac{1}{2}$	cents	64	\$29.17 $\frac{1}{4}$	×	5
34	93 $\frac{1}{4}$	cts.—56 $\frac{1}{4}$	cents	65	\$51.56 $\frac{1}{4}$	×	6
35	75	cts.—62 $\frac{1}{2}$	cents	66	\$74.81 $\frac{1}{4}$	×	7
36	86	cts.—28 $\frac{1}{4}$	cents	67	\$12.07 $\frac{1}{4}$	×	8
37	72	cts.—18 $\frac{3}{4}$	cents	68	\$71.15 $\frac{1}{4}$	×	9
38	\$2.36	—	\$1.37 $\frac{1}{2}$	69	\$20.18 $\frac{3}{4}$	×	2
39	\$6.50	—	3.43 $\frac{3}{4}$	70	\$25.34 $\frac{3}{4}$	×	3
40	\$11.25	—	7.31 $\frac{1}{4}$	71	\$41.68 $\frac{3}{4}$	×	4
41	\$26.31 $\frac{1}{4}$	—	17.68 $\frac{3}{4}$	72	\$50.93 $\frac{3}{4}$	×	5
42	\$75.87 $\frac{1}{2}$	—	49.28 $\frac{3}{4}$	73	\$25.07 $\frac{3}{4}$	×	6
43	\$120.10 $\frac{1}{4}$	—	57.27 $\frac{1}{2}$	74	\$57.17 $\frac{3}{4}$	×	7
44	\$97.12 $\frac{1}{2}$	—	73.36 $\frac{1}{2}$	75	\$60.11 $\frac{3}{4}$	×	8
45	\$211.00	—	16.76 $\frac{1}{4}$	76	\$71.05 $\frac{3}{4}$	×	9
46	\$26.33 $\frac{1}{3}$	—	17.46	77	\$45.33 $\frac{1}{3}$	×	2
47	\$14.66 $\frac{2}{3}$	—	9.24 $\frac{1}{3}$	78	\$46.33 $\frac{1}{3}$	×	3
48	\$39.73 $\frac{1}{3}$	—	21.16 $\frac{2}{3}$	79	\$71.45 $\frac{1}{3}$	×	5
49	\$124.74	—	73.44 $\frac{1}{3}$	80	\$115.14 $\frac{1}{3}$	×	7
50	\$138.00	—	64.33 $\frac{1}{3}$	81	\$27.62 $\frac{1}{3}$	×	9
51	\$346.19 $\frac{1}{3}$	—	78.47 $\frac{2}{3}$	82	\$34.26 $\frac{1}{3}$	×	8
52	\$5.37 $\frac{1}{2}$	×	2	83	\$120.17 $\frac{1}{2}$	×	2
53	\$7.62 $\frac{1}{2}$	×	3	84	\$54.66 $\frac{1}{2}$	×	4
54	\$10.12 $\frac{1}{2}$	×	4	85	\$105.24 $\frac{1}{2}$	×	5
55	\$13.37 $\frac{1}{2}$	×	5	86	\$112.41 $\frac{1}{2}$	×	7
56	\$16.28 $\frac{1}{2}$	×	6	87	\$109.20 $\frac{1}{2}$	×	8
57	\$29.87 $\frac{1}{2}$	×	7	88	\$110.36 $\frac{1}{2}$	×	6
58	\$36.07 $\frac{1}{2}$	×	8	89	\$47.42 $\frac{1}{2}$	×	9
59	\$84.22 $\frac{1}{2}$	×	9	90	\$45.47 $\frac{1}{2}$	×	10
60	\$31.56 $\frac{1}{2}$	×	2	91	\$17.72 $\frac{1}{2}$	×	11
61	\$3.16 $\frac{1}{2}$	×	2	92	\$43.14 $\frac{1}{2}$	×	11
62	\$12.81 $\frac{1}{2}$	×	3	93	\$94.11 $\frac{1}{2}$	×	12

Sec. 8.

1	25 cents ÷ 2	32	17½ cents ÷ 5
2	75 cents ÷ 2	33	31½ cents ÷ 5
3	87 cents ÷ 2	34	62½ cents ÷ 5
4	43 cents ÷ 2	35	87½ cents ÷ 5
5	85 cents ÷ 4	36	69 cents ÷ 6
6	93 cents ÷ 4	37	37½ cents ÷ 6
7	41 cents ÷ 4	38	93 cents ÷ 6
8	77 cents ÷ 4	39	79½ cents ÷ 6
9	\$8.62½ ÷ 2	40	\$2.42 ÷ 8
10	\$12.12½ ÷ 2	41	\$1.64 ÷ 8
11	\$4.37½ ÷ 2	42	\$2.46 ÷ 8
12	\$5.87½ ÷ 2	43	\$1.00 ÷ 3
13	\$10.17½ ÷ 2	44	\$1.70 ÷ 3
14	\$36.45½ ÷ 2	45	\$3.43 ÷ 3
15	\$7.14 ÷ 4	46	\$4.55 ÷ 3
16	\$7.15 ÷ 4	47	\$6.76 ÷ 3
17	\$11.26 ÷ 4	48	\$5.72 ÷ 3
18	\$11.75 ÷ 4	49	\$10.66 ÷ 6
19	\$46.36½ ÷ 2	50	\$12.76 ÷ 6
20	\$53.47 ÷ 2	51	\$14.72 ÷ 6
21	\$41.77½ ÷ 2	52	\$15.94 ÷ 6
22	\$19.57 ÷ 4	53	\$25.46 ÷ 6
23	\$39.62 ÷ 4	54	\$31.60 ÷ 6
24	\$96.43 ÷ 4	55	\$42.69 ÷ 9
25	\$13.55½ ÷ 2	56	\$18.96 ÷ 9
26	\$34.70 ÷ 4	57	\$65.64 ÷ 9
27	\$49.93 ÷ 4	58	\$73.65 ÷ 9
28	\$17.11 ÷ 4	59	\$14.25 ÷ 6
29	\$46.19 ÷ 4	60	\$29.88 ÷ 8
30	\$10.57½ ÷ 2	61	\$70.06 ÷ 8
31	\$73.99 ÷ 4	62	\$57.79 ÷ 4

Sec. 8.

63	\$2.75	×	2 $\frac{1}{2}$	94	\$2.76	×	2 $\frac{3}{4}$
64	\$6.47	×	3 $\frac{1}{2}$	95	\$3.92	×	4 $\frac{1}{2}$
65	\$1.25	×	4 $\frac{1}{4}$	96	\$4.30	×	3 $\frac{1}{2}$
66	\$3.53	×	2 $\frac{1}{4}$	97	\$7.50	×	5 $\frac{1}{2}$
67	\$6.58	×	5 $\frac{1}{4}$	98	\$6.82	×	6 $\frac{1}{4}$
68	\$7.77	×	6 $\frac{1}{2}$	99	\$5.98	×	8 $\frac{1}{2}$
69	\$9.83	×	7 $\frac{1}{2}$	100	\$8.74	×	7 $\frac{1}{2}$
70	\$1.93	×	8 $\frac{1}{4}$	101	\$12.46	×	9 $\frac{1}{2}$
71	\$4.79	×	9 $\frac{1}{2}$	102	\$9.75	×	3 $\frac{1}{2}$
72	\$8.67	×	5 $\frac{1}{2}$	103	\$11.47	×	7 $\frac{1}{2}$
73	\$11.57	×	10 $\frac{1}{4}$	104	\$13.49	×	5 $\frac{1}{2}$
74	\$13.38	×	3 $\frac{1}{4}$	105	\$21.11	×	6 $\frac{1}{2}$
75	\$7.41	×	9 $\frac{1}{4}$	106	\$30.73	×	2 $\frac{1}{2}$
76	\$16.37	×	6 $\frac{1}{2}$	107	\$14.27	×	6 $\frac{1}{2}$
77	\$14.47	×	5 $\frac{1}{2}$	108	\$5.57	×	8 $\frac{1}{4}$
78	\$21.87	×	11 $\frac{1}{2}$	109	\$3.96	×	10 $\frac{1}{2}$
79	\$9.15	×	12 $\frac{1}{2}$	110	\$12.69	×	11 $\frac{1}{2}$
80	\$10.12	×	2 $\frac{1}{2}$	111	\$13.14	×	12 $\frac{1}{2}$
81	\$9.62	×	4 $\frac{1}{2}$	112	\$2.76	×	2 $\frac{3}{4}$
82	\$5.48	×	5 $\frac{1}{2}$	113	\$4.57	×	3 $\frac{1}{2}$
83	\$7.58	×	7 $\frac{1}{2}$	114	\$9.49	×	4 $\frac{1}{2}$
84	\$31.87	×	3 $\frac{1}{4}$	115	\$11.33	×	6 $\frac{1}{2}$
85	\$37.19	×	2 $\frac{1}{4}$	116	\$14.49	×	5 $\frac{1}{2}$
86	\$18.43	×	5 $\frac{1}{4}$	117	\$8.87	×	7 $\frac{1}{2}$
87	\$7.27	×	6 $\frac{1}{4}$	118	\$4.36	×	8 $\frac{1}{2}$
88	\$9.43	×	8 $\frac{1}{2}$	119	\$21.41	×	2 $\frac{3}{4}$
89	\$6.71	×	5 $\frac{1}{2}$	120	\$51.16	×	4 $\frac{1}{2}$
90	\$5.77	×	10 $\frac{1}{2}$	121	\$63.25	×	5 $\frac{1}{2}$
91	\$3.59	×	6 $\frac{1}{2}$	122	\$72.59	×	6 $\frac{1}{2}$
92	\$4.27	×	9 $\frac{1}{2}$	123	\$18.43	×	7 $\frac{1}{2}$
93	\$10.47	×	11 $\frac{1}{2}$	124	\$17.17	×	11 $\frac{1}{2}$

Sec. 9.

1 £217 to shillings	32 d.1945 to £
2 £173 to shillings	33 qrs.214 to shillings
3 £ 46 to pence	34 qrs.926 to shillings
4 £136 to pence	35 qrs.493 to d.
5 £416 to pence	36 qrs 97 to d.
6 £ 45 to qrs.	37 qrs.1298 to shillings
7' £ 82 to qrs.	38 qrs.4124 to £
8 £ 76 to qrs.	39' qrs.3793 to £
9 £ 27 to pence	40 qrs. 76814 to £
10 s. 36 to pence	41 qrs. 289736 to £
11 s.144 to qrs.	42 qrs. 542783 to £
12 s.324 to qrs.	43 qrs. 112986 to £
13 s.446 to qrs.	44 qrs.1678462 to £
14 d.273 to qrs.	45 qrs. 28796 to 6 p's
15' d.191 to qrs.	46 qrs. 33482 to 6 p's
16 £ 25 to pence	47' qrs. 92771 to 4 p's
17 £ 84 to qrs.	48 £139 to shillings
18 £ 49 to $\frac{1}{2}$ pence	49 £241 to pence
19 £ 73 to $\frac{1}{2}$ pence	50 £ 96 to qrs.
20 £124 to 6 pences	51 qrs. 791 to pence
21 £112 to 6 pences	52 qrs.1493 to shillings
22 £191 to 4 pences	53 qrs.33131 to £
23' s.336 to £	54 d. 173 $\frac{1}{4}$ to qrs.
24 s.721 to £	55' d. 243 $\frac{1}{2}$ to qrs.
25 s. 98 to £	56 d. 397 $\frac{3}{4}$ to qrs.
26 d.283 to shillings	57 d.1167 $\frac{1}{4}$ to shillings
27 d.126 to do.	58 d.2473 $\frac{1}{2}$ to £
28 d.1398 to do.	59 d. 437 $\frac{1}{2}$ to qrs.
29 d.4736 to £	60 d.1861 $\frac{1}{4}$ to £
30 d.3147 to £	61 d. 773 $\frac{1}{2}$ to £
31' qrs. 14007 to £	62 d.2341 $\frac{1}{4}$ to £

Sec. 9.

163	£126 15s. 6d.	+ £14 8s. 5d.	+ £109 18s. 11d.
64	£46 0s. 9d.	+ £116 12s. 7d.	+ £198 19s. 10d.
65	£127 14s. 6½d.	+ £106 15s. 7½d.	+ £98 19s. 9½d.
66	£5 17s. 4½d.	+ £24 13s. 1¾d.	+ £72 0s. 9¼d.
	+ £10 17s. 6½d.	+ £1 19s. 7d.	
67	£33 13s. 10½d.	+ £68 17s. 5½d.	+ £27 18s. 3½d.
	+ £9 7s. 11½d.	+ £214 6s. 7d.	
68	£131 12s. 5d.	+ £11 16s. 0¾d.	+ £100 15s. 4¾d.
	+ £63 19s. 7½d.	+ £14 12s.	
69	£318 7s. 0½d.	+ 17s. 2½d.	+ £30 2s. 8¼d.
	+ 9s. 2d.	+ £76 5s. 11½d.	+ 10s. 7¼d.
70	16s. 0½d.	+ 7s. 1¾d.	+ 2s. 11d.
	+ 6¼d.	+ 11s.	
	0¾d.	+ 6d.	+ £207 19s. 11¾d.
	+ £598 17s. 9½d.	+ £343 14s. 4¾d.	+ £198 12s. 10¼d.
	+ £758 13s. 7¾d.		
171	£1 2s. 8d.	+ £3 15s. 1½d.	+ 12s. 6¾d.
	+ 5¼d.	+ 1s. 0¾d.	+ 11s. 3½d.
	+ 17s. 9½d.	+ £28.	
72	£2718 14s. 6 d.	— £1398 16s. 9 d.	
73	1246 19s. 8 d.	— 938 17s. 11 d.	
74	125 10s. 7¾d.	— 76 12s. 10½d.	
75	228 7s. 5¾d.	— 119 15s. 2¼d.	
76	767 19s. 0 d.	— 571 19s. 10½d.	
77	1546 10s. 7¼d.	— 1179 11s. 4¾d.	
78	117 14s. 6½d.	— 97 16s. 9¾d.	
179	229 10s. 5¼d.	— 158 12s. 9¾d.	
80	1049 3s. 0¾d.	— 7'6 18s. 6¾d.	
81	800 15s. 11 d.	— 397 19s. 11¼d.	
82	513 16s. 6½d.	— 283 17s. 8¾d.	
83	1139 13s. 2¼d.	— 967 7s. 10½d.	
84	86 12s. 11 d.	— 47 17s. 11½d.	

Sec. 10.

	£	s.	d.		£	s.	d.	
1	14	10		to shils.	31	121	9	9½ to qrs
2	28	15		to do.	32		16	11½ to do.
3	93	16		to do.	33	d.32743		to £
4	128	19		to do.	34	d.27331		to £
5	77	18		to do.	35	qrs. 14666		to pence.
6	25	12	6	to pence	36	qrs. 1877		to shils.
7	74	11	7	to do.	37	qrs. 3496		to do.
8	113	3	2	to do.		£.	s.	d.
9	10	6	11	to do.	38	193	0	11 to pence.
10	15	0	9	to do.	39	286	1	10 to do.
11	11	12	8	to qrs.	40	170	0	1½ to qrs.
12	76	16	6	to do.	41	333	6	8 to do.
13	143	0	3½	to do.	42	666	6	8 to do.
14	342	1	4½	to do.	43	d. 2472		to 6 pences.
15	575	17	6½	to do.	44	d.37268		to do.
16	1272	7	4½	to do.	45	d 2848		to 4 p's.
17	2167	9	9½	to do.	46	d. 4144		to 3 p's.
18	3745	4	3½	to do.	47	q.17846		to 6 p's.
19	273	11	3	to pence	48	q.79890		to 4 p's.
20	324	10	0	to do.	49	q.14998		to 3 p's.
21	47	19	0	to shils.	50	q.27589		to 2 p's
22	53	6	0	to do.	51	q.22840		to £
23	166	11	0	to 6 p's.	52	sh. 347		to qrs.
24	109	14	0	to do.	53	sh.19	1½	d. to qrs.
25	228	17	0	to 4 p's.	54	£931		to pence.
26	qrs.274865			to £	55	£ 89		to qrs.
27	do. 171346			to £	56	qrs. 2799		to £
28	do. 97737			to £	57	qrs. 1981		to £
29	do. 1499			to shils.	58	qrs. 977		to shils
30	do. 2197			to shils.	59	qrs.13901		to £

Sec. 10.

- 60 Eleven pounds thirteen shillings and 4 pence.
+ nine pounds 7 and a quarter pence + one
pound 3 shillings + ten shillings 1 farthing.
- 61 Forty pounds + six pounds 11 shillings and
two and a quarter pence + five shillings four
pence and a half + eight pence.
- 62 Seventeen pounds ten pence and one fourth
+ eight pounds three farthings + 5 shillings
one penny + three-fourths of a penny.
- 63 Thirty-three pounds 19 shillings 11 pence +
seventeen pounds three pence + twenty-one
pounds + seven shillings one farthing.
- 64 Ninety-one pounds six shillings 3 pence one
farthing—sixty-two pounds eleven pence.
- 65 Eighty-seven pounds 5 and a half pence—12
pounds eight shillings two farthings.
- 66 Seventy-one pounds 3 shillings eleven pence
one farthing—nineteen shillings ten pence.
- 167 One hundred pounds—six pounds seventeen
shillings two pence and a quarter.
- 68 Twenty-two pounds eleven pence—fifteen
pounds one shilling and a half penny.
- 69 Sixty-six pounds four shillings and 2 pence
—thirty-nine pounds 8 and a half pence.
- 70 One thousand and one pounds—4 hundred
and ten pounds six shillings three farthings.
- 71 Forty-five pounds fourteen shillings—twelve
pounds ten shillings two farthings.
- 72 Fifty-one pounds fifteen shillings four pence
—nineteen pounds nineteen shillings eleven
pence.

Sec. 11.

COARSE, HEAVY GOODS.

			T.cwt qr. lb. oz.	
1 Tons	243 to cwt.			
2 cwt.	179 to qrs.	30	25.14.2.11.14	to drs.
3 qrs.	480 to pounds	31	13.3.21.10	to do
4 lbs.	642 to ounces	32	2.20.15	to do.
5 oz.	196 to drams	33	3.17. 9	to do
6 tons	24 to qrs.	34	4.14.2.16.13	to do.
7 do.	36 to pounds	35	drs.39726711	to tons
8 do.	48 to drams	36	oz. 496023	to do.
9 do.	17 to qrs.	37	drs. 396841	to cwt.
10 cwt.	172 to ounces	38	oz. 417962	to tons
11 do.	225 to drams	39	lbs. 74864	to tons
12 qrs.	134 to do.	40	lbs. 14967	to cwt.
13 lbs.	6714 to ounces	41	lbs. 7648	to tons
14 lbs.	495 to drams			
15 tons	128 to drams		T. cwt. qr. lb. oz.	
16 drs.	2796 to ounces	42	117.11.2.19. 7	to dr.
17 drs.	6846 to pounds	43	1.19.3.24.14	to do.
18 drs	21486 to qrs.	44	49. 6.	to lbs.
19 drs.	41796 to cwt.	45	24.14.1.	to qr.
20 drs.	179682 to cwt.	46	15.2.17. 9	to dr.
21 oz.	24036 to cwt.	47	21.3.13.13	to do.
22 lbs.	16897 to tons	48	9.0.27.15	to oz.
23 qrs.	4120 to tons	49	lbs. 177549	to cwt.
24 oz.	77993 to cwt.	50	do. 330719	to do.
25 drs.	374846 to qrs.	51	oz. 134158	to qrs
		52	do. 2978412	to cwt.
		53	do. 3377140	to tons
		54	drs. 24756	to lbs
		55	do. 327857	to qrs.
		56	drs. 4653146	to cwt.
		57	lbs. 38477	to oz.

T.cwt.qr.lb.oz.

26 17.11 to cwt.

27 11. 7.3 to qrs.

28 19.16.1.23 to lbs.

29 7.19.3.24.9 to oz.

Sec. 11.

- 58 10cwt. 3qr. 27lb.+5cwt. 2qr. 18lb.+7cwt.
0qr. 22lb.+9cwt. 1qr. 21lb.+1cwt. 3qr.
- 59 15T. 19cwt. 0qr. 25lb.+36T. 12cwt. 3qr.
19lb.+29T. 16cwt. 2qr. 7lb.+21T. 14cwt.
- 60 25T. 10cwt. 3qr. 17lb. 15oz. 13dr.+28T.
1qr. 16lb. 10oz.+9T. 2cwt. 15oz. 11dr.
- 61 17cwt. 1qr. 17lb. 3oz. 11dr.+3qr. 22lb. 5oz.
15dr.+1T. 19cwt. 2qr. 25lb. 11oz. 7dr.
- 62 7T. 17lb. 8oz.+18cwt. 3qr. 6oz.+2qr. 22lb.
8oz. 8dr.+8T. 18cwt. 7 oz.+4T.
- 63 25lb. 12oz. 13dr.+11lb. 9dr.+2qr. 20lb.
3oz.+9lb. 9oz. 8dr.+5cwt. 18lb. 14dr.
- 64 28T. 14cwt. 3qr.+16T. 18cwt. 2qr.+11T.
19cwt. 1qr. 27lb.+9T. 16cwt. 23lb.+7T.
- 65 6T. 11cwt. 1qr. 15lb.—4T. 12cwt. 3qr. 24lb.
- 66 13T. 8cwt. 2qr. 20lb. 4oz.—7T. 15cwt. 3qr.
- 67 10cwt. 2qr. 4lb. 6oz. 2dr.—5cwt. 3qr. 26lb.
- 68 3cwt. 20lb. 10dr.—1cwt. 2qr. 11oz. 15dr.
- 69 10T. 11cwt. 2qr. 15lb.—8T. 26lb. 9oz.
- 70 16T. 3qr. 9lb. 6dr.—12T. 13cwt. 10lb. 2oz.
- 71 34T. 11cwt. 1qr. 11lb.—18T. 14cwt. 3qr.
- 72 5cwt. 21lb. 10oz.—2qr. 16lb. 11oz. 13dr.
- 73 76T. 16cwt.—28T. 19cwt. 1qr. 22lb. 9oz.
- 74 54T. 11cwt. 1qr.—19cwt. 3qr. 14dr.
- 75 1T. 3qr. 19lb.—3qr. 21lb. 5oz. 14dr.
- 76 17cwt. 1qr. 14lb.—14cwt. 17lbs. 13dr.
- 77 2qr. 26lb. 11oz.—1qr. 27lb. 14oz. 15dr.
- 78 9T. 7cwt. 2qr.—4T. 1qr. 18lb. 2oz.
- 79 28cwt. 2qr. 19lb.—19cwt. 3qr. 24lb. 9oz.
- 80 10cwt. 3qr. 7lb.—9cwt. 12oz. 12dr.
- 81 35cwt. 13lb. 9dr.—21cwt. 2qr. 15oz. 11dr.

Sec. 12.**GOLD, SILVER, JEWELS.**

lbs. oz. dwt. gr.

1 lbs.	49 to ounces	30	4. 0. 0.22 to grs.
2 lbs.	141 to dwts.	31	27. 6.10 to dwt.
3 oz.	68 to grains	32	10. 0. 4.10 to grs.
4 lbs.	13 to grains	33	19.11.19.23 to do.
5 dwt.	179 to grains	34	16. 6.16.16 to do.
6 lbs.	67 to dwts.	35	4. 0.11 to do.
7 oz.	121 to do.	36	grs. 17742 to oz.
8 oz.	69 to grains	37	grs. 14241 to dwts.
9 gr.	24171 to ounces	38	dwt. 4167 to ounces
10 grs.	199 to dwts.	39	dwt. 7179 to do.
11 gr.	61723 to pounds	40	dwt. 16471 to lbs.
12 gr.	41721 to do.	41	grs. 41983 to do.
13 gr.	5175 to dwts.		
14 dwt.	217 to ounces		
15 dwt.	1397 to pounds	42	lb 129 to 3
16 dwt.	4119 to do.	43	lb 98 to 3
17 gr.	5760 to do.	44	lb 47 to 3
18 gr.	11520 to do.	45	lb 54 to grains
19 gr.	17280 to do.	46	lb 17 to do.
20 gr.	23040 to do.	47	3 248 to do
21 gr.	31776 to do.	48	3 1284 to 3

MEDICINES.

	lbs. oz. dwt. gr.	49	3 448 to grains
22	10. 6 to oz.	50	lb 27 to do.
23	9.11.14 to dwts.	51	lb 221 to 3
24	6.10.17 to do.	52	3 176 to lb
25	12. 7.19.12 to grs.	53	3 2184 to do.
26	8.14.21 to do.	54	3 4466 to do.
27	6.18.23 to do.	55	3 13997 to do.
28	19.11.11.20 to do.	56	gr. 16896 to do.
29	5. 9 to do.	57	gr. 48798 to do.

Sec. 12.

58 gr. 57286 to tb	$\text{tb } 3 \ 3 \ 3 \text{ gr.}$
59 gr. 42601 to $\bar{3}$	70 7.1. 3 to grs.
60 gr. 1998 to do.	71 1. 0. 5. 0. 8 to do.
61 $\bar{3}$. 2999 to tb	72 24. 10. to $\bar{3}$
$\text{tb } 3 \ 3 \ 3 \text{ gr.}$	73 5. 9. 2. 2 to $\bar{3}$
62 4. 10. to $\bar{3}$	74' 2. 11. 7 to $\bar{3}$
63 5. 9. 6. to $\bar{3}$	75 $\bar{3}$ 2442 to tb
64 7. 11. 7. 2. to $\bar{3}$	76 $\bar{3}$ 1988 to do.
65 2. 6. 4. 1 12. to grs.	77 gr. 24777 to do.
66 1. 9. 5. 0. 17. to do.	78 $\bar{3}$ 598 to do.
67 15. 0. 1. 1. 14. to do.	79 gr. 41762 to $\bar{3}$
68 4. 4. 6. 2. to do.	80 $\bar{3}$ 34912 to do.
69 10. 2. 2. 10. to do.	81' $\bar{3}$ 2483 to tb
82 6lb. 11oz. 16dwt. 22gr. + 9lb. 8oz. 15dwt. 19gr. + 4lb. 7oz. 8dwt. 12gr. + 10lb. 9oz.	
83 12lb. 7oz. 13dwt. 17gr. + 11oz. 10dwt. 14gr. + 2lb. 13dwt. 15gr. + 11lb. 5oz. 7gr. + 8lb	
84 5lb. 16dwt. + 11oz. 18gr. + 19dwt. 8gr.	
85 7 tb $9\bar{3}$ $5\bar{3}$ $2\bar{3}$ 15gr. + 9 tb $11\bar{3}$ $6\bar{3}$ $1\bar{3}$ 19gr. + $10\bar{3}$ $7\bar{3}$ 16gr. + 8 tb $3\bar{3}$	
86 13 tb $11\bar{3}$ $4\bar{3}$ $1\bar{3}$ 17gr. + 12 tb $5\bar{3}$ 10gr. + 6 tb $5\bar{3}$ + 4 tb $8\bar{3}$ $2\bar{3}$ + 11 tb $7\bar{3}$	
87 5lb. 7oz. 11dwt. 10gr. — 3lb. 9oz. 14dwt. 12gr.	
88 6lb. 2oz. 12dwt. 14gr. — 4lb. 6oz. 15dwt. 16gr.	
89 10lb. 10oz. 5dwt. 7gr. — 3lb. 10oz. 16dwt.	
90 12lb. 16dwt. 14gr. — 7lb. 4oz. 17dwt. 19gr.	
91 14lb. 9oz. 17dwt. 10gr. — 12lb. 19dwt. 20gr.	
92 11 tb $10\bar{3}$ $5\bar{3}$ $1\bar{3}$ 18gr. — 8 tb $11\bar{3}$ $5\bar{3}$ $2\bar{3}$	
93 8 tb $5\bar{3}$ $6\bar{3}$ $2\bar{3}$ 10gr. — 5 tb $6\bar{3}$ 18gr.	
94 6 tb $4\bar{3}$ 14gr. — 3 tb $8\bar{3}$ $7\bar{3}$ $2\bar{3}$ 16gr.	
95 13 tb $9\bar{3}$ $2\bar{3}$ 6gr. — 7 tb $10\bar{3}$ $2\bar{3}$ 12gr.	

Sec. 13.**LENGTHS & DISTANCES.**

1 Miles 78 to furlongs

2 do. 46 to poles

3 do. 24 to yards

4 do. 16 to feet

5 do. 8 to inches

6 leagues 10 to yards

7 do. 12 to inches

8 fur. 11 to do.

9 do. 6 to barley corns

10 inches 2173 to feet

11 do. 3144 to yards

12 do. 4112 to poles

13 do. 7920 to fur.

M.f. po.yd.ft.

14 7.6.35 to feet

15 16.4.24 to poles

16 8.16.2 to yards

17 1.6.34.2.1 to feet

18 4.4.32.4.1 to inches

19 5.20 to poles

20 17.4 to yards

CLOTH, TAPES, &c.

21 Yds. 47 to quarters

22 do 26 to nails

23 E.E. 41 to quarters

24 do. 32 to nails

25 E.Fl. 28 to quarters

26 do. 18 to nails

27 E. E. 19 to quarters

28 do. 47 to nails.

29 E.E. 16 to nails

30 qrs. 114 to yards

31 do. 176 to E. Eng.

32 do. 241 to E. Fl.

33 do. 139 to do.

34 nails 1472 to yards

35 do. 1112 to E. En.

36 do. 913 to E. Fl.

37 do. 876 to do.

38 12y. 3q. 2n. to nails

39 17y. 2q. 3n. to do.

E.E.qr. na.

40 11. 4. 2. to do.

41 29. 0. 2. to do.

42 32. 2. 1. to do.

43 31. 2. 3. to do.

LAND, &c.

44 Acres 27 to roods.

45 do. 41 to sq.per.

46 roods 10 to do.

47 acres 8 to sq.yds.

48 sq.yds. 32 to sq. feet.

49 do. 28 to do.

50 do. 14 to sq.inch.

51 sq. feet 42 to do.

52 do. 136 to do.

53 do. 432 to do.

54 roods 123 to sq.per.

55 acres 96 to do.

56 do. 113 to do.

57 sq.yds. 59 to sq.inch

Sec. 13.

58 sq. ft. 174 to sq. inch.	73 inch. 9436 to sq. yds.
59 do. 49 to do.	74 perches 477 to roods
<i>A. R. Per.</i>	75 do. 1076 to do.
60 11. 3. 39 to sq. per.	76 do. 4173 to acres
61 17. 2. 35 to do.	77 do. 7147 to do.
62 124. 0. 39 to do.	78 do. 4999 to do.
63 1. 3. 37 to do.	79 do. 280 to sq. ft.
64 7. 1. 29 to do.	80 do. 448 to do.
65 19. 3. 18 to do.	81 do. 772 to do.
66 inches 474 to sq. feet	82 sq. ft. 472 to sq. yds.
67 do. 796 to do.	83 do. 586 to do.
68 do. 1497 to do.	84 do. 1128 to do.
69 feet 293 to sq. yds.	85 sq. per. 294 to sq. ft.
70 do. 977 to do.	86 do. 414 to do.
71 do. 189 to do.	87 acres 39 to sq. yds.
72 inch. 4473 to sq. yds.	
88 41M. 7fur. 29po. 4½yds. + 16M. 7fur. 37p.	
2yds. + 18M. 5fur. 6p. + 11M. 4fur. 2yds.	
89 28Yds. 3qr. 2na. + 19yds. 1qr. 2na. + 31yds.	
3qrs. 3na. + 14yds. 2qrs. + 21yds. 3na.	
90 112A. 3r. 35per. + 97A. 2r. 27per. + 66A. 1r.	
24per. + 74A. 3r. 14per. + 89A. 1r. 20per.	
91 96M. 7fur. 31po. — 88M. 5fur. 38po.	
92 101M. 3fur. 11po. — 78M. 6fur. 16po. 3yds.	
93 237M. 6fur. 21po. — 119M. 4fur. 28po. 2yds.	
94 38yds. 2qrs. 2na. — 29yds. 3qrs. 3na.	
95 56E. Eng. 4qrs. 1na. — 18E. Eng. 4qrs. 2na.	
96 128E. Fl. 1qr. 2na. — 95E. Fl. 2qrs. 3na.	
97 108A. 0r. 31per. — 59A. 2r. 38per.	
98 201A. 1r. 10per. — 112A. 1r. 17per.	
99 88sq. yds. 6sq. ft. — 78sq. yds. 6sq. ft. 118sq. in.	

5000 hewn 2 pipes = 1
(27)

Sec. 14.

STONE, TIMBER, EARTH.

1 Solid yds. 14 to S.ft.	29 hhds. 14 to gals.
2 do. 29 to do.	30 do. 23 to do.
3 do. 10 to S.in.	31 do. 31 to qts.
4 do. 16 to do.	32 do. 42 to pts.
5 S.in. 94865 to S. feet.	33 tuns 16 to hhds.
6 do. 129726 to S.yds.	34 do. 21 to do.
7 do. 34991 to S. ft.	35 do. 11 to gals.
8 do. 94748 to S.yds.	36 do. 8 to qts.
9 T. 24r'd timb'r to s.in.	37 do. 27 to do.
10 do. 17 do. to do.	38 pipes 41 to hhds.
11 do. 26 hewn do. to do.	39 do. 26 to gals.
12 do. 12 do. to do.	40 do. 17 to qts.
13 S.in. 658749 to T.r.t.	41 gals. 36 to do.
14 S.in. 94870 to T.h'n t.	42 do. 74 to pts.
15 S.ft. 96870 to cords	43 do. 36 to gills
16 do. 43771 to do.	44 qts. 117 to pts.
17 S.in. 5468460 to do.	45 pts. 133 to gills
18 S. ft. 8496 to do.	46 gals. 96 to gills

S.yds. S.ft. S.in.

19 17. 21. to S. ft.	47 11. 2. 14. 3 to qts.
20 24. 19. to do.	48 9. 0. 62. 2 to do.
21 11. 14. to S.in.	49 16. 1. 51. to gals.
22 26. 741 to do.	50 7. 3 46. to do.
23 4 18. 311 to do.	51 16. 19. 3 to qts.
24 16. 10. 1294 to do.	52 12. 61. 1 to do.
	53 6. 16. 2 to do.

SPIRITS, WINE, CIDER.

25 Gals. 77 to quarts	54 19. 3 to do.
26 do. 121 to pints	55 pints 1792 to qts.
27 do. 28 to gills	56 do. 4124 to gals.
28 do. 14 to do.	57 do. 17684 to do.
	58 qts. 1168 to do.

Sec. 14.

59 qts. 2196 to hhds.	88 183bu. 2pks. to pks.
60 do. 41284 to do.	TIME.
61 gals. 379 to do.	89 Days 23 to hours.
62 do. 1986 to do.	90 do. 71 to min.
63 do. 4796 to pipes.	91 do. 62 to sec.
64 do. 1349 to do.	92 weeks 13 to min.
65 do. 37723 to tuns.	93 do. 11 to sec.
66 do. 49684 to do.	94 hours 24 to do.
67 qts. 73464 to do.	95 sec. 6496 to hrs.
68 pts. 91286 to do.	96 do. 146284 to days.
GRAIN, FRUIT, SALT, &c.	97 min. 168489 to do.
69 Bush. 45 to pecks.	98 days 462 to min.
70 do. 32 to qts.	99 min. 38642 to days.
71 do. 17 to pts.	100 weeks 26 to sec.
72 pecks 57 to qts.	101 sec. 5648928 to w.
73 do. 74 to pts.	102 years 125 to sec.
74 pts. 73 to qts.	103 do. 86 to do.
75 do. 111 to pks.	W. days hr. min.
76 do. 296 to bu.	104 11. 4.20.51 to sec.
77 qts. 376 to do.	105 36.19.56 to do.
78 bu. 53 to pts.	106 48.10.35 to do.
79 pts. 1732 to bu.	107 2. 4.22.40 to do.
80 bu. 481 to pts.	108 6.18. to hrs.
81 pts. 77864 to bu.	109 17. 5.14.42 to min.
Bu. pks. qts. pts.	110 147.11.11 to do.
82 17. 3. 7. 1 to pts.	111 35. 2.18.56 to sec.
83 23. 1. 6. to do.	112 9. 6.10.12 to do.
84 11. 2. 5. 1 to do.	113 25. 0.18. 5 to do.
85 136. 1. 0. 1 to do.	114 sec. 1982950 to w.
86 283. 1. 3. to qts.	115 do. 3596841 to days
87 16. 3. 4. to do.	116 min. 179684 to do.

Sec. 15.

£.	s.	d.		T. cwt. qrs. lb. oz.
1	147.	11.	6 $\frac{3}{4}$ to qrs.	31 44.11. 3.21.6 to drs
2	286.	14.	5 $\frac{1}{4}$ to do.	32 6. 0. 2.11 to cz.
3	579.	13.	11 $\frac{1}{2}$ to do.	lb. oz. dwt. gr.
4	qrs.	277131	to £.	33 7.11.19.23 to grs.
5	do.	197681	to do.	34 19. 9. 3.15 to do.
6	do.	284703	to do.	lb 3 3 3 gr.
7	grs.	42134	to lb	35 6.10. 6. 1.19 to grs.
8	drs.	496872	to cwt.	36 4. 5. 4. 2.14 to do.
9	gals.	378914	to hhds.	L. mi. fur. po.
10	pts.	29963	to bush.	37 2. 1. 7. 38 to poles
11	in.	44466	to yards.	38 7. 2. 6. 39 to do.
12	do.	24800	to yards.	B. pk. qt. pl.
13	miles	187	to feet.	39 15. 3. 5. 1 to pts.
14	acres	217	to per.	40 14. 0. 6. 1 to do.
15	per.	42172	to acres.	£. s. d.
16	sq.in.	69726	to sq.yds.	41 114.19.6 $\frac{3}{4}$ to qrs.
17	sec.	162480	to days	42 98.14.5 $\frac{1}{2}$ to do.
18	days	241	to seconds	A. r. per.
19	dwt.	21968	to lb.	43 47. 3. 18 to perches
20	nails	2864	to yards	44 52. 2. 39 to do.
21	do.	3766	to E. E.	E. Fl. qr. na.
22	qrs.	15769	to £.	45 47. 2. 3 to nails.
23	tons	11	to lbs.	46 66. 1. 2 to do.
24	cwt.	46	to drams.	D. hrs.min.sec.
25	S.ft.	29	to Solid in.	47 19. 21. 54.17 to sec.
26	S.in.	99774	to S.ft.	48 87. 14. 43.10 to do.
27	S.in.	210983	to s.yds.	S.yds.S.ft.S.in.
28	min.	49940	to days	49 30. 21. 986 to s in.
29	weeks	124	to hours	50 19. 26. 504 to s in.
30	fur.	312	to inches.	51 120.19. to S ft

Sec. 15.

- 52 116£. 7s. 9½d. + 49£. 3¼d + 97£. 10s. +
 28£ 10½d. + 108£. 5s. 7¾d.
 53 48T. 13cwt. 1qr. 26lb. + 39T. 2qr. 11lb. +
 46T. 7cwt. 27lb. + 74T. 12cwt. 2 qr. 22lb.
 54 15lb. 10oz. 18dwt. 14gr. + 13lb. 15dwt. 18gr.
 + 16lb. 22gr. + 4lb. 2oz. 19dwt. + 8oz. 21gr.
 55 6½ 7¾ 5¾ 2½ 15gr. + 7½ 9¾ 1½ 14gr. +
 10¾ 7¾ 16gr + 1½ 8¾ 16gr.
 56 27yds. 3qr. 2na. + 24yds. 2qr. + 29yds. 3na.
 + 31yds. 1qr. + 18yds. 3qr. 2na.
 57 36mi. 6fur. 39po. + 47mi. 28po. + 24mi. 5fur.
 + 42mi. + 10mi. 39po.
 58 112A. 3r. 37per. + 96A. + 75A. 16 per. + 47A
 2r. + 59A. 2r. + 18A. 34per.
 59 52 Solid yd. 21 S. ft. 1473 S. in. + 36 S. yd.
 10 S. ft. 1441 S. in. + 26 S. ft. 944 S. in.
 60 238£ 11s. 7½d. — 119£. 12s. 8¾d.
 61 146T. 17cwt. 19lb. 12oz. — 129T. 2qr. 14dr.
 62 48lb. 7oz. 16dwt. — 39lb. 10oz. 18dwt. 21gr.
 63 34½ 8¾ 2¾ 1½ 10gr. — 17½ 6¾ 18gr.
 64 46 E.E. 3qr. 2na. — 29E.E. 4qr. 3na.
 65 18L. 1mi. 7fur. 20po. — 9L. 2mi. 39po.
 66 54A. 2r. 21per. — 37A. 2r. 36per.
 67 14S.yd. 8S.ft. 73S.in. — 10S.yd. 1128S.in.
 68 26T. 1hhd. 32gal. 2qt. — 17T. 62gal. 3qt.
 69 41W. 2d. 20hr. 15min. — 19w. 23h. 47min.
 70 51£ 8½d. — 29£ 10s. 9½d.
 71 26T. 2qr. 8oz. — 18T. 11cwt. 24lb. 9oz. 6dr.
 72 10lb. 8dwt. — 5lb. 6oz. 14dwt. 20gr.
 73 7½ 1¾ 2½ — 4½ 4¾ 2½ 16gr.
 74 46sq.yds. 5sq.ft. 84sq.in. — 27sq.yds. 118sq.in.

4na = 19r
 5gr = 1EE (31)

Sec. 16.

	ℓ.	s.	d.		lb	33	9	gr.
1	4.	12.	11	× 5	29	16.	7.	5. 2. 16 × 6
2	7.	10.	4 $\frac{1}{2}$	× 6	30	2.	9.	6. 1. 11 × 9
3	8.	6.	9 $\frac{1}{2}$	× 7	31	10.	4.	2. 19 × 8
4	5.	11.	6 $\frac{1}{2}$	× 8		lbs. av. oz.	dr.	
5	2.	19.	3 $\frac{1}{2}$	× 4	32	9.	15.	12 × 7
6	11.	13.	8 $\frac{1}{2}$	× 8	33	7.	12.	11 × 10
7	11.	11.	11 $\frac{1}{2}$	× 9	34	6.	14.	13 × 6
8	13.	16.	1 $\frac{1}{2}$	× 10	35	17yd.	2qr.	3na. × 4
9	4.	17.	5 $\frac{1}{2}$	× 2	36	14yd.	3qr.	0na. × 5
10	7.	9.	4 $\frac{1}{2}$	× 3	37	27E.	E.	2qr. 3na. × 8
11	10.	12.	11 $\frac{1}{2}$	× 5	38	14 E.	E.	2 qr. × 9
12	13.	18.	0 $\frac{1}{2}$	× 8	39	12E	Fl.	2qr. 3na. × 6
13	17.	14.	7 $\frac{1}{2}$	× 9	40	14E.	Fl.	0qr. 3na. × 9
14	5.	14.	8 $\frac{1}{2}$	× 6	41	9 hhd.	27g.	2qt. × 11
15	9.	10.	0 $\frac{1}{2}$	× 7	42	7 hhd.	62g.	1qt. × 12
16	2.	19.	9 $\frac{3}{4}$	× 8	43	27A.	1r.	33p. × 7
17	7.	17.	9 $\frac{3}{4}$	× 4	44	31A.	2r.	24p. × 10
18	3.	14.	6 $\frac{1}{2}$	× 11	45	124A.	3r.	39p. × 8
19	4.	19.	11 $\frac{3}{4}$	× 2	46	11mi.	7fur.	39p. × 6
20	16.	8.	4 $\frac{1}{2}$	× 12	47	28mi.	6fur.	25p. × 5
	T.	cwt.	qr.	lb.	48	17bu.	3pk.	6qt. × 12
21		2.	3.	24 × 3	49	14bu.	2pks.	5qt. × 11
22		4.	2.	16 × 5	50	13bu.	3pk.	4qt. × 4
23		5.	3.	27 × 6		D.	hr.	min. sec.
24	11.	19.	2.	16 × 7	51	14.	21.	59. 52 × 4
25	9.	15.	3.	22 × 8	52	7.	18.	26. 34 × 9
	lbs.	oz.	dwt.	gr.		ℓ.	s.	d.
26	11.	11.	17.	22 × 6	53	13.	14.	10 $\frac{1}{2}$ × 8
27	5.	10.	14.	21 × 9	54	37.	15.	3 $\frac{1}{2}$ × 9
28	14.	9.	11.	18 × 10	55	11.	19.	4 $\frac{1}{2}$ × 5

Sec. 16.

	<i>ℓ.</i>	<i>s.</i>	<i>d.</i>		<i>Cwt.gr.lb. oz.</i>	
56	2.	11.	$4\frac{1}{2}$	15	86	2. 3. 24. × 77
57	3.	18.	$6\frac{1}{4}$	16	87	1. 2. 18. × 96
58	1.	19.	$2\frac{1}{2}$	18	88	2. 1. 24. 15 × 72
59	12.	14.	$4\frac{3}{4}$	20	89	7. 0. 18. 11 × 60
60	5.	16.	$9\frac{1}{4}$	22	90	27y. 1qr. 3na. × 88
61		19.	$11\frac{1}{2}$	24	91	28y. 2qr. 1na. × 110
62	1.	14.	$4\frac{3}{4}$	27		<i>lb. oz. dwl. gr.</i>
63	7.	16.	3	28	92	5. 11. 17. 20 × 28
64	10.	11.	$10\frac{1}{2}$	30	93	3. 9. 15. 18 × 36
65	6.	16.	$6\frac{3}{4}$	33		$\frac{1}{2}$ 3 3 3 gr.
66		14.	$3\frac{1}{4}$	36	94	4. 10. 7. 1. 18 × 44
67	11.	7.	$10\frac{3}{4}$	40	95	2. 11. 6. 2. 17 × 56
68	13.	17.	$4\frac{1}{2}$	44		<i>lb. av. oz. dr.</i>
69	3.	17.	$7\frac{1}{2}$	48	96	10. 14. 15 × 72
70	9.	12.	$0\frac{3}{4}$	50	97	7. 12. 13 × 121
71		7.	$9\frac{1}{4}$	54	98	47A. 3r. 20p. × 132
72		9.	$8\frac{1}{2}$	56	99	6A. 2r. 24p. × 48
73	1.	15.	$2\frac{3}{4}$	60	100	17bu. 3pk. 6qt. × 63
74	12.	6.	$5\frac{1}{4}$	63	101	10bu. 2pk. 7qt. × 77
75	2.	0.	$7\frac{1}{2}$	64		<i>D. hr. min. sec.</i>
76	5.	11.	$11\frac{3}{4}$	66	102	7. 19. 16. 7 × 27
77	7.	7.	$10\frac{1}{2}$	72	103	11. 14. 51. 40 × 33
78	10.	1.	$3\frac{3}{4}$	84	104	9. 0. 27 × 42
79		11.	$10\frac{1}{4}$	99	105	11. 23. 0. 19 × 49
80			$9\frac{1}{2}$	108		<i>Hhd. gal. qt. pt.</i>
81		1.	$6\frac{1}{4}$	120	106	5. 52. 3. 1 × 18
82		9.	$3\frac{1}{2}$	121	107	8. 26. 2. × 28
83	1.	8.	$0\frac{1}{2}$	132	108	12. 19. 3. × 56
84	2.	9.	6	144	109	11. 0. 3. 1 × 70
85	12.	9.	$7\frac{1}{2}$	110	110	62. 2. 1 × 60

Sec. 17.

£.	s.	d.		
15.	14.	$3\frac{1}{2} \times 23$	30	18cwt.2qr.16lb $\times 47$
2	9.	$5\frac{1}{2} \times 29$	31	Hhd. gal. qt.
3	2.	$2\frac{1}{2} \times 38$	32	12. 41. 3×51
4	7.	$7\frac{1}{2} \times 43$	33	6. 54. 2×57
5	5.	9×52	34	lb. oz. dwt.
6	6.	$6\frac{3}{4} \times 78$	35	2. 11. 19×67
7	4.	$5\frac{1}{2} \times 83$	36	1. 10. 18×23
8	10.	$0\frac{1}{2} \times 97$	37	lb.av. oz. dr.
9	7.	$6\frac{1}{2} \times 112$	38	16. 8. 11×57
10	2.	$9\frac{1}{2} \times 115$	39	7. 11. 12×29
11		$10\frac{1}{2} \times 125$	40	th $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ gr.
12	1.	11×119	41	2. 9. 7. 2. 15×41
13	2.	$4\frac{1}{2} \times 34$	42	3. 9. 4. 2. 18×39
14	1.	$0\frac{1}{4} \times 41$	43	3. 8. 6. 1. 18×19
15	2.	6×59	44	21 gal.3qt.1pt. $\times 86$
16	3.	$8\frac{1}{2} \times 19$	45	14gal.2qt.1pt. $\times 74$
17	16.	$0\frac{1}{4} \times 46$	46	25y. 3qr. 1na. $\times 98$
18	1.	$2\frac{1}{2} \times 68$	47	31y. 1qr. 3na. $\times 101$
19	1.	$0\frac{1}{4} \times 86$	48	11EE.4qr.2na. $\times 104$
20	6.	$1\frac{1}{2} \times 92$	49	D. hrs.min.sec.
21	2.	$2\frac{1}{4} \times 105$	50	17. 11. 59. 41×62
22	3.	$1\frac{1}{2} \times 109$	51	12. 21. 14. 58×73
23	1.	$0\frac{1}{2} \times 83$	52	11bu.3pk.6qt. $\times 145$
24	2.	$1\frac{1}{2} \times 148$	53	14bu.2pk.4qt. $\times 134$
T cwt. gr. lb.			54	L. mi. fur.po.
25	5.	$13. 3. \times 13$	55	7. 2. 6. 38×46
26	4.	$19. 1. \times 41$	56	4. 1. 5. 24×37
27	4.	$17. 2. 16 \times 17$	57	8. 2. 4. 31×26
28	16.	$1. 14 \times 26$	58	1. 0. 7. 39×19
29	2.	$19. 3. 21 \times 31$	59	£9. 18s. $2\frac{1}{2}d. \times 41$
			60	£14. 11s. $7\frac{1}{2}d. \times 47$

Sec. 17.

	£.	s.	d.		lb. oz. dwt.gr.
55	12.	16.	6 ÷ 3	84	17. 11. 14. 22 ÷ 6
56	14.	10.	9 ÷ 4	85	16. 10. 17. 18 ÷ 5
57	46.	19.	10 ÷ 5	86	11. 5. 13. 17 ÷ 7
58	26.	16.	4 $\frac{1}{2}$ ÷ 6	87	27. 10. 16. 23 ÷ 8
59	57.	17.	8 $\frac{1}{4}$ ÷ 7	88	19. 7. 15. 21 ÷ 9
60	99.	19.	5 $\frac{1}{2}$ ÷ 8	89	23. 6. 17. 11 ÷ 12
61	124.	11.	11 $\frac{1}{4}$ ÷ 9	<i>T. hhd. gal. qt.</i>	
62	141.	14.	8 $\frac{3}{4}$ ÷ 10	90	14. 56. 2 ÷ 10
63	201.	17.	3 $\frac{1}{4}$ ÷ 11	91	16. 21. 1 ÷ 8
64	17.	4.	3 $\frac{1}{2}$ ÷ 12	92	14. 62. 3 ÷ 9
65	112.	12.	10 $\frac{1}{4}$ ÷ 12	93	14. 3. 46. 2 ÷ 7
66	48.	13.	7 $\frac{1}{2}$ ÷ 7	94	37. 2. 30. 3 ÷ 11
67	28.	14.	0 ÷ 5	95	18. 1. 49. 2 ÷ 6
68	11.	19.	11 $\frac{3}{4}$ ÷ 6	<i>A. R. per.</i>	
69	36.	13.	2 $\frac{1}{4}$ ÷ 11	96	2796. 3. 26 ÷ 12
70	49.	17.	7 $\frac{1}{4}$ ÷ 4	97	1437. 0. 18 ÷ 9
71	58.	12.	4 ÷ 9	98	711. 2. 39 ÷ 8
72	179.	18.	11 $\frac{1}{2}$ ÷ 6	99	148. 3. 36 ÷ 6
73	4721.	13.	2 $\frac{5}{8}$ ÷ 11	100	256. 2. 35 ÷ 7
74	1240.	11.	1 $\frac{1}{4}$ ÷ 9	101	1283. 3. 28 ÷ 11
75	772.	4.	6 $\frac{3}{8}$ ÷ 10	<i>L. mi. fur. po.</i>	
76	147.	16.	8 $\frac{3}{4}$ ÷ 6	102	96. 7. 39 ÷ 5
<i>T. cwt. gr. lb. oz.</i>				103	168. 5. 28 ÷ 6
77	7. 2.	21. 11 ÷ 4		104	43. 4. 34 ÷ 10
78	6. 0.	11. 8 ÷ 5		105	27. 2. 7. 28 ÷ 12
79	13. 1.	26. 14 ÷ 8		<i>Bu. pk. qt. pt.</i>	
80	18. 11.	2. 16. 0 ÷ 7		106	1204. 3. 7. 1 ÷ 9
81	43. 19.	3. 14. 0 ÷ 8		107	274. 3. 7. 0 ÷ 5
82	56. 11.	0. 26. 0 ÷ 9		108	886. 2. 5. 0 ÷ 7
83	19. 3.	16. 12 ÷ 11		109	998. 3. 3. 0 ÷ 8

Sec. 18.

	<i>£.</i>	<i>s.</i>	<i>d.</i>		<i>Cwt. qr. lb. oz.</i>
1	68.	16.	$8\frac{1}{2} \div$	16	30 12. 3. 10. 0 \div 24
2	86.	7.	$4 \div$	21	31 11. 1. 26. 10 \div 16
3	113.	12.	$9\frac{1}{2} \div$	28	32 9. 2. 24. 14 \div 33
4	218.	17.	$3\frac{1}{2} \div$	27	<i>L. mi. fur. po.</i>
5	576.	16.	$0 \div$	36	33 27. 2. 7. 33 \div 72
6	399.	19.	$11\frac{1}{2} \div$	44	34 18. 1. 6. 32 \div 84
7	401.	10.	$6 \div$	48	35 142. 0. 1. 18 \div 96
8	29.	7.	$8 \div$	49	36 12. 1. 5. 20 \div 18
9	24.	11.	$3\frac{1}{2} \div$	50	<i>A. R. per.</i>
10	101.	18.	$10 \div$	54	37 181. 3. 32 \div 20
11	21.	11.	$7\frac{1}{2} \div$	56	38 1246. 0. 20 \div 55
12	11.	19.	$7 \div$	60	39 2777. 3. 39 \div 99
13	3471.	6.	$2\frac{1}{2} \div$	64	40 3146. 2. 36 \div 144
14	8246.	9.	$1\frac{3}{4} \div$	70	41 5796. 1. 38 \div 96
15	8.	14.	$8\frac{1}{2} \div$	77	42 9273. 3. 27 \div 66
16	47.	7.	$4\frac{1}{4} \div$	81	43 1959. 2. 16 \div 54
17	2171.	10.	$10 \div$	88	44 2081. 1. 38 \div 22
18	333.	16.	$8\frac{1}{4} \div$	90	<i>S. yd. S. ft. S. in</i>
19	667.	13.	$4 \div$	96	45 30. 24. 846 \div 36
20	225.	11.	$3 \div$	99	46 93. 18. 1040 \div 24
21	388.	18.	$1 \div$	100	47 100. 21. 280 \div 40
22	224.	5.	$0 \div$	110	48 86. 14. 1446 \div 18
23	293.	7.	$6 \div$	121	49 17. 26. 974 \div 48
	<i>Cwt. qr. lb. oz.</i>			50	37. 20. 1046 \div 27
24	9.	3.	$22. 10 \div$	33	<i>lb. av. oz. dr.</i>
25	28.	0.	$21. 12 \div$	40	51 1246. 14. 12 \div 40
26	36.	1.	$18. 8 \div$	49	52 972. 10. 8 \div 45
27	114.	1.	$16. 15 \div$	56	53 1481. 13. 14 \div 60
28	226.	3.	$27. 4 \div$	63	54 792. 8. 10 \div 77
29	33.	2.	$20. 10 \div$	48	55 2446. 5. 14 \div 80

Sec. 18.

<i>£. s. d.</i>		<i>A. R. per.</i>
56 38.11. 5 $\frac{1}{4}$ ÷	13	85 483. 2. 35 ÷ 19
57 58.16. 7 ÷	17	86 776. 1. 32 ÷ 26
58 112.11. 8 $\frac{1}{4}$ ÷	29	87 849. 2. 14 ÷ 41
59 211.19. 7 $\frac{1}{2}$ ÷	37	88 4976. 2. 20 ÷ 134
60 183.18. 6 ÷	41	89 5875. 3. 15 ÷ 118
61 229.19.11 $\frac{3}{4}$ ÷	53	90 7654. 2. 36 ÷ 149
62 134.10. 2 $\frac{1}{2}$ ÷	69	91 8678. 3. 27 ÷ 196
63 14. 6. 1 $\frac{1}{4}$ ÷	71	<i>L. mi.fur.po.</i>
64 413.17. 3 $\frac{1}{2}$ ÷	78	92 86. 2. 6. 34 ÷ 26
65 525. 0. 9 ÷	87	93 121. 0. 5. 20 ÷ 43
66 29. 1. 6 $\frac{1}{4}$ ÷	115	94 286. 1. 4. 24 ÷ 57
67 12. 0. 9 $\frac{1}{2}$ ÷	131	95 212. 2. 7. 39 ÷ 71
68 1741.10. 5 $\frac{1}{4}$ ÷	236	<i>Bu. pk. qt.</i>
69 4972.18.11 $\frac{1}{4}$ ÷	341	96 671. 3. 7 ÷ 97
70 29976.19. 7 ÷	536	97 1743. 2. 4 ÷ 211
71 47123.11. 4 ÷	1370	98 2146. 1. 6 ÷ 347
72 2141.10. 2 ÷	433	99 5713. 2. 5 ÷ 411
73 16817. 7. 6 ÷	2142	100 1096. 3. 4 ÷ 129
74 20130.16. 4 ÷	113	<i>T.cwt.gr.lb.</i>
75 14621.15. 7 ÷	225	101 19.19.2.17 ÷ 17
76 3777.17. 9 $\frac{1}{4}$ ÷	368	102 386.10.1.14 ÷ 31
<i>Cwt. gr. lb.</i>		103 439.15.0.24 ÷ 79
77 117. 3. 26 ÷	46	104 87.16.1.20 ÷ 98
78 224. 0. 24 ÷	112	105 96.11.3.27 ÷ 59
79 441. 1. 22 ÷	133	106 44.19.2.16 ÷ 46
80 1246. 3. 27 ÷	286	107 173.18.1.25 ÷ 87
81 2764. 2. 21 ÷	571	108 2. 7.3.14 ÷ 73
82 13742. 3. 10 ÷	243	109 1.13.0. 0 ÷ 1265
83 16721. 2. 0 ÷	396	110 7.3.19 ÷ 52
84 28568. 1. 6 ÷	446	111 4.1.13 ÷ 93

Sec. 19.

1	\$28.75	× 4	32	\$26.31 $\frac{1}{2}$	× 12
2	44.32	× 5	33	33.33 $\frac{1}{3}$	× 4
3	50.37 $\frac{1}{2}$	× 6	34	26.66 $\frac{2}{3}$	× 6
4	12.87 $\frac{1}{2}$	× 7	35	66.66 $\frac{2}{3}$	× 10
5	14.12 $\frac{1}{2}$	× 8	36	14.33 $\frac{1}{3}$	× 9
6	32.62 $\frac{1}{2}$	× 9	37	17.73 $\frac{1}{3}$	× 4
7	16.87 $\frac{1}{2}$	× 10	38	47.71 $\frac{1}{3}$	× 6
8	13.87 $\frac{1}{2}$	× 9	39	8.44 $\frac{1}{4}$	× 5
9	21.12 $\frac{1}{2}$	× 11	40	76.66 $\frac{2}{3}$	× 7
10	44.62 $\frac{1}{2}$	× 12	41	28.93 $\frac{1}{4}$	× 8
11	9.18 $\frac{3}{4}$	× 3	42	41.06 $\frac{1}{4}$	× 9
12	11.68 $\frac{3}{4}$	× 4	43	16.33 $\frac{1}{3}$	× 10
13	19.44 $\frac{3}{4}$	× 5	44	7.77 $\frac{1}{2}$	× 11
14	72.93 $\frac{3}{4}$	× 6	45	6.66 $\frac{2}{3}$	× 12
15	18.81 $\frac{1}{4}$	× 7	46	9.66 $\frac{2}{3}$	× 11
16	6.31 $\frac{1}{4}$	× 8	47	2.66 $\frac{2}{3}$	× 9
17	29.18 $\frac{3}{4}$	× 9	48	26.66 $\frac{2}{3}$	× 7
18	42.68 $\frac{3}{4}$	× 10	49	19.16 $\frac{2}{3}$	× 5
19	25.56 $\frac{1}{4}$	× 11	50	11.17 $\frac{1}{3}$	× 8
20	17.37 $\frac{1}{2}$	× 12	51	7.46 $\frac{1}{3}$	× 11
21	14.06 $\frac{1}{4}$	× 12	52	21.09 $\frac{1}{3}$	× 6
22	11.43 $\frac{1}{4}$	× 12	53	12.50	× 2 $\frac{1}{2}$
23	9.18 $\frac{3}{4}$	× 12	54	15.75	× 3 $\frac{3}{4}$
24	10.12 $\frac{1}{2}$	× 9	55	24.87 $\frac{1}{2}$	× 5 $\frac{1}{2}$
25	7.06 $\frac{1}{4}$	× 7	56	4.67	× 4 $\frac{1}{2}$
26	13.12 $\frac{1}{2}$	× 5	57	14.25	× 5 $\frac{1}{4}$
27	15.58 $\frac{1}{4}$	× 9	58	18.63	× 6 $\frac{1}{4}$
28	29.07 $\frac{1}{4}$	× 11	59	22.45	× 7 $\frac{1}{2}$
29	66.82 $\frac{1}{4}$	× 6	60	25.87 $\frac{1}{2}$	× 4 $\frac{1}{3}$
30	43.43 $\frac{3}{4}$	× 8	61	12.26	× 5 $\frac{1}{3}$
31	51.16 $\frac{1}{2}$	× 11	62	13.47	× 7 $\frac{1}{3}$

Sec. 19.

63	\$1.75	$\times 4\frac{1}{2}$	94	\$12.75	$\times 6\frac{2}{3}$
64	2.25	$\times 5\frac{1}{2}$	95	29.12 $\frac{1}{2}$	$\times 6\frac{2}{3}$
65	3.75	$\times 7\frac{1}{2}$	96	7.75	$\times 11\frac{1}{2}$
66	7.87 $\frac{1}{2}$	$\times 3\frac{1}{2}$	97	8.45	$\times 2\frac{1}{8}$
67	9.25	$\times 4\frac{1}{4}$	98	12.50	$\times 10\frac{1}{8}$
68	12.75	$\times 7\frac{1}{4}$	99	25.25	$\times 7\frac{3}{8}$
69/	17.37 $\frac{1}{2}$	$\times 8\frac{1}{2}$	100	46.66 $\frac{2}{3}$	$\times 4\frac{1}{2}$
70	21.12 $\frac{1}{2}$	$\times 11\frac{1}{2}$	101/	22.33 $\frac{1}{3}$	$\times 9\frac{1}{2}$
71	38.70	$\times 2\frac{1}{4}$	102	44.11 $\frac{1}{2}$	$\times 8\frac{3}{4}$
72	49.76	$\times 2\frac{3}{4}$	103	56.25	$\times 8\frac{1}{2}$
73	6.81 $\frac{1}{4}$	$\times 9\frac{1}{2}$	104	62.76	$\times 6\frac{1}{8}$
74	1.56 $\frac{1}{4}$	$\times 12\frac{1}{2}$	105	42.75	$\times 6\frac{3}{8}$
75	.18 $\frac{3}{4}$	$\times 6\frac{1}{2}$	106	36.44	$\times 6\frac{3}{8}$
76	.37 $\frac{1}{2}$	$\times 6\frac{3}{4}$	107	48.96	$\times 6\frac{7}{8}$
77/	.43 $\frac{1}{4}$	$\times 6\frac{3}{4}$	108	27.38	$\times 3\frac{1}{8}$
78	1.18 $\frac{3}{4}$	$\times 10\frac{1}{4}$	109/	51.32	$\times 4\frac{3}{8}$
79	2.18 $\frac{3}{4}$	$\times 8\frac{1}{2}$	110	71.48	$\times 5\frac{5}{8}$
80	3.12 $\frac{1}{2}$	$\times 7\frac{1}{2}$	111	83.12	$\times 3\frac{7}{8}$
81	5.62	$\times 9\frac{1}{4}$	112	91.46	$\times 10\frac{1}{4}$
82	8.87 $\frac{1}{2}$	$\times 11\frac{3}{4}$	113	19.38	$\times 11\frac{1}{4}$
83	13.06 $\frac{1}{4}$	$\times 7\frac{1}{4}$	114	21.25	$\times 8\frac{3}{4}$
84	4.87 $\frac{1}{2}$	$\times 5\frac{1}{2}$	115	47.96	$\times 11\frac{3}{4}$
85/	5.93 $\frac{3}{4}$	$\times 9\frac{1}{2}$	116	28.68 $\frac{3}{4}$	$\times 7\frac{1}{4}$
86	4.43 $\frac{3}{4}$	$\times 10\frac{1}{4}$	117/	11.87 $\frac{1}{2}$	$\times 9\frac{3}{4}$
87/	12.12 $\frac{1}{2}$	$\times 12\frac{1}{2}$	118	13.37 $\frac{1}{2}$	$\times 12\frac{1}{4}$
88	.93 $\frac{1}{2}$	$\times 9\frac{1}{2}$	119	18.07	$\times 12\frac{3}{4}$
89	.87 $\frac{1}{2}$	$\times 11\frac{3}{4}$	120	20.09	$\times 10\frac{3}{4}$
90	1.77 $\frac{1}{2}$	$\times 8\frac{1}{4}$	121	5.93 $\frac{3}{4}$	$\times 6\frac{1}{2}$
91	2.46	$\times 8\frac{1}{2}$	122	8.31 $\frac{1}{4}$	$\times 7\frac{1}{4}$
92	4.84	$\times 6\frac{3}{4}$	123	2.45	$\times 6\frac{3}{4}$
93/	7.18 $\frac{3}{4}$	$\times 3\frac{1}{2}$	124	11.26	$\times 12\frac{3}{4}$

Sec. 20.

1/	\$24.50 ÷	2	32	\$25173.08 ÷	98
2	36.37 $\frac{1}{2}$ ÷	3	33/	32486.09 ÷	127
3	49.25 ÷	4	34	27347.95 ÷	131
4	78.12 $\frac{1}{2}$ ÷	5	35	2384.56 $\frac{1}{4}$ ÷	171
5	116.87 $\frac{1}{2}$ ÷	6	36	24367.47 $\frac{1}{2}$ ÷	1293
6	227.18 $\frac{3}{4}$ ÷	8	37	106843.14 ÷	7683
7	77.42 ÷	9	38	41444.73 ÷	99
8	118.06 $\frac{1}{4}$ ÷	10	39	19837.16 ÷	106
9/	283.33 $\frac{1}{3}$ ÷	11	40	98430.27 ÷	182
10	211.71 ÷	12	41/	19876.13 ÷	29
11	66.66 $\frac{2}{3}$ ÷	6	42	2846.78 ÷	133
12	39.87 $\frac{1}{2}$ ÷	8	43	4823.13 ÷	211
13	41.98 ÷	10	44	1246.12 ÷	128
14	129.17 $\frac{1}{2}$ ÷	3	45	5279.00 ÷	76
15	285.35 ÷	5	46	8475.00 ÷	137
16	106.16 $\frac{2}{3}$ ÷	7	47	2146.00 ÷	48
17/	1777.66 $\frac{2}{3}$ ÷	9	48	3721.00 ÷	57
18	2048.10 ÷	11	49/	7432.00 ÷	125
19	1488.47 ÷	12	50	1536.00 ÷	68
20	3783.72 ÷	7	51	2595.00 ÷	46
21	5866.19 ÷	8	52	3156.00 ÷	37
22	2616.83 ÷	17	53	783.00 ÷	112
23	9286.11 ÷	23	54	574.00 ÷	135
24	388.16 ÷	29	55	297.00 ÷	97
25/	274.36 ÷	38	56/	136.00 ÷	214
26	1687.11 ÷	73	57	135.00 ÷	347
27	7684.10 ÷	57	58	43.00 ÷	245
28	2240.00 ÷	59	59	28.00 ÷	173
29	6291.97 ÷	34	60	1596.00 ÷	19
30	3849.62 $\frac{1}{2}$ ÷	119	61	2427.36 ÷	25
31	16470.32 ÷	146	62	3750.28 ÷	83

Sec. 20.

63/	\$1.12 $\frac{1}{2}$ × 24	94	\$9.62 $\frac{1}{2}$ × 112 $\frac{1}{2}$
64	1.87 $\frac{1}{2}$ × 26	95	8.37 $\frac{1}{2}$ × 141 $\frac{1}{2}$
65	1.31 $\frac{1}{4}$ × 31	96	28.12 $\frac{1}{2}$ × 125 $\frac{1}{2}$
66	.68 $\frac{3}{4}$ × 37	97	19.87 $\frac{1}{2}$ × 159 $\frac{3}{4}$
67	.75 × 28 $\frac{1}{2}$	98/	31.06 $\frac{1}{4}$ × 119 $\frac{1}{2}$
68	.87 $\frac{1}{2}$ × 14 $\frac{1}{2}$	99	76.62 $\frac{1}{2}$ × 151 $\frac{1}{2}$
69	1.62 $\frac{1}{2}$ × 19 $\frac{1}{2}$	100	94.28 $\frac{1}{4}$ × 193 $\frac{1}{4}$
70/	2.25 × 29 $\frac{3}{4}$	101	111.77 $\frac{1}{2}$ × 13 $\frac{1}{4}$
71	3.44 $\frac{3}{4}$ × 56 $\frac{1}{4}$	102	17.37 $\frac{1}{2}$ × 121 $\frac{1}{2}$
72	1.25 × 17 $\frac{3}{4}$	103	20.13 $\frac{1}{2}$ × 146 $\frac{3}{4}$
73	1.93 $\frac{3}{4}$ × 42 $\frac{1}{4}$	104	14.63 × 6 $\frac{1}{4}$
74	6.72 $\frac{1}{2}$ × 13 $\frac{3}{4}$	105/	25.62 $\frac{1}{2}$ × 3 $\frac{1}{4}$
75	1.06 $\frac{1}{4}$ × 21 $\frac{1}{2}$	106	7.75 × 13 $\frac{3}{4}$
76	1.18 × 23 $\frac{1}{4}$	107	.62 $\frac{1}{2}$ × 28 $\frac{1}{2}$
77/	1.43 × 24 $\frac{1}{4}$	108	.31 $\frac{1}{2}$ × 32 $\frac{1}{2}$
78	2.16 $\frac{1}{2}$ × 41 $\frac{1}{4}$	109	.16 $\frac{1}{2}$ × 31 $\frac{1}{4}$
79	7.37 $\frac{1}{2}$ × 14 $\frac{3}{4}$	110	.16 $\frac{3}{4}$ × 12 $\frac{1}{2}$
80	2.11 × 16 $\frac{3}{4}$	111	.27 $\frac{1}{4}$ × 27 $\frac{1}{2}$
81	4.37 $\frac{1}{2}$ × 15 $\frac{3}{4}$	112/	.28 $\frac{3}{4}$ × 28
82	.18 $\frac{3}{4}$ × 18 $\frac{3}{4}$	113	.33 $\frac{1}{2}$ × 37 $\frac{1}{2}$
83	.27 $\frac{1}{2}$ × 97 $\frac{1}{2}$	114	57.00 × 31 $\frac{1}{4}$
84/	.66 $\frac{2}{3}$ × 23	115	79.00 × 18 $\frac{3}{4}$
85	1.33 $\frac{1}{3}$ × 74	116	85.00 × 43 $\frac{3}{4}$
86	1.66 $\frac{2}{3}$ × 47	117	19.00 × 11 $\frac{3}{4}$
87	1.77 $\frac{1}{3}$ × 28	118	21.00 × 6 $\frac{1}{6}$
88	.33 $\frac{1}{3}$ × 39	119/	39.00 × 4 $\frac{3}{8}$
89	1.66 $\frac{2}{3}$ × 13 $\frac{1}{3}$	120	13.00 × 2 $\frac{5}{8}$
90	2.33 $\frac{1}{3}$ × 26 $\frac{2}{3}$	121	25.00 × 3 $\frac{7}{8}$
91/	3.66 $\frac{2}{3}$ × 16 $\frac{2}{3}$	122	29.00 × 5 $\frac{1}{2}$
92	10.66 $\frac{2}{3}$ × 27 $\frac{1}{2}$	123	54.00 × 7 $\frac{3}{4}$
93	6.66 $\frac{2}{3}$ × 132	124	40.00 × 9 $\frac{3}{4}$

Sec. 21.

1	Greatest common measure of	91 and 98
2 ⁺	Do.	of 143 and 156
3	Do.	of 182 and 238
4	Do.	of 187 and 272
5 [/]	Do.	of 437 and 456
6	Do.	of 325 and 1175
7	Do.	of 171 and 969
8	Do.	of 594 and 1356
9 ⁺	Do.	of 876 and 2344
10	Do.	of 78 and 1596
11	Do.	of 1486 and 3124
12	Do.	of 1048 and 1192
13	Do.	of 156, 192 and 480
14 [/]	Do.	of 208, 636 and 1246
15	Do.	of 336, 147 and 231
16 ⁺	Do.	of 357, 234 and 159
17	Least common multiple of	6, 8, 15 and 24
18	Do.	of 5, 17, 14 and 10
19	Do.	of 4, 10, 16 and 28
20	Do.	of 5, 9 and 12
21	Do.	of 13, 18 and 27
22	Do.	of 7, 10, 16 and 4
23 ⁺	Do.	of 11, 8 and 6
24	Do.	of 4, 9, 12 and 20
25	Do.	of 2, 9, 16 and 36
26 [/]	Do.	of 2, 9, 4 and 13
27 [/]	Do.	of 8, 7, 11 and 20
28 [/]	Do.	of 6, 15, 25 and 40
29	Do.	of 14, 12, 16 and 24
30 ⁺	Do.	of 42, 7, 63 and 84
31	Do.	of 8, 39, 21 and 32

Sec. 21.

32 $\frac{4}{6}$	to its lowest terms	62 $\frac{19}{4}$	to a whole or mixed number
33 $\frac{6}{54}$	to do.	63 $\frac{23}{9}$	to do.
34 $\frac{16}{48}$	to do.	64 $\frac{49}{7}$	to do.
35 $\frac{36}{144}$	to do.	65 $\frac{162}{11}$	to do.
36 $\frac{28}{144}$	to do.	66 $\frac{224}{37}$	to do.
37/ $\frac{35}{190}$	to do.	67/ $\frac{196}{17}$	to do.
38 $\frac{81}{543}$	to do.	68 $\frac{682}{43}$	to do.
39 $\frac{595}{680}$	to do.	69 $\frac{379}{25}$	to do.
40 $\frac{84}{248}$	to do.	70 $\frac{436}{24}$	to do.
41 $\frac{99}{279}$	to do.	71 $\frac{1576}{136}$	to do.
42 $\frac{112}{496}$	to do.	72 $\frac{2274}{107}$	to do.
43 $\frac{267}{894}$	to do.	73 $\frac{949}{64}$	to do.
44' $\frac{81}{26}$	to do.	74 $\frac{2341}{16}$	to do.
45 $\frac{274}{596}$	to do.	75' $\frac{14}{7}$	to an improper fraction.
46 $\frac{1495}{3410}$	to do.	76 $2\frac{9}{10}$	to do.
47 $\frac{319}{522}$	to do.	77 $12\frac{5}{8}$	to do.
48 $\frac{977}{477}$	to do.	78 $16\frac{5}{6}$	to do.
49 $\frac{1170}{1599}$	to do.	79 $28\frac{1}{2}$	to do.
50 $\frac{918}{1207}$	to do.	80 $9\frac{7}{16}$	to do.
51' $\frac{312}{481}$	to do.	81 $34\frac{5}{9}$	to do.
52 $\frac{119}{1037}$	to do.	82 $8\frac{3}{7}$	to do.
53 $\frac{361}{646}$	to do.	83' $36\frac{5}{12}$	to do.
54 $\frac{1177}{2093}$	to do.	84 $126\frac{3}{4}$	to do.
55 $\frac{2093}{5037}$	to do.	85 $191\frac{1}{3}$	to do.
56 $\frac{240}{980}$	to do.	86 $7\frac{5}{19}$	to do.
57 $\frac{84}{320}$	to do.	87 $46\frac{7}{8}$	to do.
58 $\frac{51}{168}$	to do.	88' $12\frac{9}{12}$	to do.
59 $\frac{6456}{16360}$	to do.	89 $56\frac{7}{8}$	to do.
60 $\frac{1348}{2416}$	to do.		
61 $\frac{749}{2160}$	to do.		

Sec. 22.

1	$\frac{1}{3}$ of $\frac{2}{3}$ of $\frac{4}{6}$ to a simple fraction.	30	$\frac{1}{3}$, $\frac{2}{4}$, $\frac{1}{5}$ and $\frac{4}{6}$ to a common denominator.
2	$\frac{2}{8}$ of $\frac{5}{8}$ of $\frac{4}{9}$ to do.	31	$\frac{6}{10}$, $\frac{4}{7}$, $\frac{8}{16}$ & $\frac{1}{4}$ to do.
3	$\frac{3}{8}$ of $\frac{5}{8}$ of $\frac{7}{12}$ to do.	32	$\frac{1}{2}$, $\frac{1}{10}$, $\frac{6}{9}$ & $\frac{1}{4}$ to do.
4	$\frac{1}{8}$ of $\frac{3}{3}$ of $\frac{11}{12}$ to do.	33	$\frac{1}{3}$, $\frac{4}{5}$ and $1\frac{1}{2}$ to do.
5	$\frac{1}{2}$ of $\frac{7}{16}$ of $\frac{5}{12}$ to do.	34	$\frac{1}{4}$, $\frac{3}{8}$ and $2\frac{3}{4}$ to do.
6	$\frac{1}{2}$ of $\frac{4}{5}$ of $\frac{5}{6}$ to do.	35	$\frac{2}{5}$ and $\frac{1}{2}$ of $\frac{2}{7}$ to do.
7	$\frac{2}{9}$ of $\frac{1}{12}$ of $\frac{1}{16}$ to do.	36	$\frac{3}{8}$ and $\frac{1}{2}$ of $\frac{2}{5}$ to do.
8	$\frac{5}{6}$ of $\frac{1}{11}$ of $\frac{1}{4}$ to do.	37	$\frac{2}{9}$ and $\frac{1}{4}$ of $\frac{5}{3}$ to do.
9	$\frac{1}{10}$ of $\frac{2}{13}$ of $1\frac{1}{4}$ to do.	38	$\frac{1}{6}$ of $\frac{4}{7}$ and $\frac{1}{11}$ to do.
10	$\frac{1}{7}$ of $\frac{1}{14}$ of $\frac{3}{5}$ to do.	39	$\frac{2}{3}$ of $1\frac{3}{4}$ & $\frac{7}{8}$ of $4\frac{1}{2}$ to do.
11	$\frac{1}{2}$ of $\frac{1}{4}$ of $1\frac{1}{2}$ to do.	40	$\frac{5}{8}$, $\frac{2}{3}$, $\frac{7}{10}$ & 4 to do.
12	$\frac{2}{3}$ of $\frac{4}{9}$ of $4\frac{1}{2}$ to do.	41	$\frac{5}{6}$, $\frac{7}{10}$ & $\frac{3}{4}$ to do.
13	$\frac{7}{10}$ of $\frac{1}{10}$ of $6\frac{1}{2}$ to do.	42	$2\frac{8}{9}$, $\frac{5}{7}$ and $\frac{7}{8}$ to do.
14	$\frac{1}{4}$ of $\frac{5}{6}$ of $11\frac{4}{5}$ to do.	43	to twelfths.
15	$\frac{5}{10}$ of $\frac{2}{7}$ of 4 to do.	44	to sixteenths.
16	$\frac{5}{8}$ of $\frac{3}{5}$ of 8 to do.	45	to twentieths
17	$\frac{1}{3}$, $\frac{1}{4}$ and $\frac{1}{5}$ to a common denominator.	46	to 24ths.
18	$\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{8}$ to do.	47	to 27ths.
19	$\frac{3}{4}$, $\frac{1}{6}$ and $\frac{1}{8}$ to do.	48	to fourths.
20	$\frac{2}{3}$, $\frac{1}{3}$ and $\frac{1}{8}$ to do.	49	to eighths.
21	$\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ to do.	50	to fifteenths.
22	$\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{11}$ to do.	51	to fourths.
23	$\frac{1}{3}$, $\frac{1}{4}$ and $\frac{1}{11}$ to do.	52	to twelfths.
24	$\frac{1}{3}$, $\frac{1}{4}$ and $\frac{2}{13}$ to do.	53	to 24ths.
25	$\frac{3}{10}$ and $\frac{3}{14}$ to do.	54	to sixtieths.
26	$\frac{1}{10}$ and $\frac{1}{12}$ to do.	55	to forty-fifths.
27	$\frac{2}{3}$ and $\frac{2}{4}$ to do.	56	to 54ths.
28	$\frac{4}{6}$, $\frac{8}{12}$ and $\frac{8}{18}$ to do.	57	to sixty-thirds.
29	$\frac{4}{6}$, $\frac{3}{9}$ and $\frac{3}{12}$ to do.	58	to 28ths.
		59	to thirtieths.

Sec. 22.

60	4 oz. 10 dwt. 14 gr.	to the fraction of a pound
61	7 dwt. 23 gr.	to do. do.
62	6 dwt. 18 gr.	to do. of an ounce
63	15 s. 9 d.	to do. of a £.
64	7 s. 6 $\frac{1}{4}$ d.	to do. of a £.
65	5 $\frac{3}{4}$ d.	to do. of a shilling
66	2 feet 7 in.	to do. of a yard
67	5 gal. 3 qt. 1 pt.	to do. of a hogshead
68	3 fur. 34 po.	to do. of a mile
69	2 hrs. 15 min. 51 sec.	to do. of a day
70	$\frac{1}{4}$ of an inch	to do. of a foot
71	$\frac{2}{3}$ of a quart	to do. of a gallon
72	$\frac{3}{4}$ of an hour	to do. of a day
73	$\frac{2}{5}$ of lb.	to do. of a cwt.
74	$\frac{3}{8}$ of a dwt.	to do. of a pound
75	$\frac{5}{12}$ of a cwt.	to do. of a pound
76	$\frac{7}{8}$ of a ton	to do. of do.
77	$\frac{1}{2}$ of a pound	to do. of a dwt.
78	$\frac{1}{4}$ of a £	to do. of a penny
79	$\frac{3}{4}$ of an acre	to do. of a sq. perch
80	$\frac{7}{8}$ of a mile	to do. of a foot
81	$\frac{2}{3}$ of a hhd.	to do. of a quart
82	Value of $\frac{4}{7}$ of a £	90 Value of $\frac{5}{18}$ of \$5.
83	do. of $\frac{7}{8}$ of a cwt.	91 do. of $\frac{3}{10}$ lb.
84	do. of $\frac{5}{9}$ of a ton	92 do. of $\frac{4}{5}$ of a cwt.
85	do. of $\frac{5}{16}$ lb. troy	93 do. of $\frac{3}{8}$ of a ton
86	do. of $\frac{2}{3}$ of a mile	94 do. of $\frac{1}{2}$ of 3 hhd.
87	do. of $\frac{9}{10}$ of an acre	95 do. of $\frac{2}{3}$ of a week
88	do. of $\frac{6}{7}$ of a hhd.	96 do. of $\frac{7}{8}$ of \$12.50
89	do. of $\frac{5}{8}$ of £2	97 do. of $\frac{2}{5}$ of \$16.87 $\frac{1}{2}$

Sec. 23.

1	$\frac{2}{3} + \frac{1}{3} + \frac{2}{3} + \frac{1}{3}$	32	$\frac{5}{9} - \frac{1}{9}$
2	$\frac{1}{4} + \frac{3}{4} + \frac{3}{4} + \frac{3}{4}$	33	$\frac{5}{9} - \frac{1}{9}$
3	$\frac{1}{5} + \frac{3}{5} + \frac{2}{5} + \frac{4}{5}$	34	$\frac{1}{2} - \frac{1}{8}$
4	$\frac{1}{9} + \frac{3}{9} + \frac{4}{9} + \frac{7}{9}$	35	$\frac{3}{4} - \frac{1}{8}$
5	$\frac{2}{15} + \frac{4}{15} + \frac{7}{15} + \frac{8}{15}$	36	$\frac{2}{3} - \frac{1}{9}$
6	$\frac{1}{8} + \frac{7}{8} + \frac{9}{8} + \frac{15}{8}$	37	$\frac{3}{4} - \frac{7}{8}$
7	$\frac{1}{3} + \frac{2}{3} + \frac{3}{3} + \frac{6}{3}$	38	$\frac{8}{10} - \frac{6}{10}$
8	$\frac{3}{5} + \frac{5}{5} + \frac{2}{5} + \frac{3}{5}$	39	$\frac{4}{5} - \frac{2}{5}$
9	$\frac{5}{7} + \frac{2}{7} + \frac{9}{7} + \frac{6}{7}$	40	$\frac{5}{10} - \frac{1}{10}$ of $\frac{9}{10}$
10	$\frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{2}{12}$	41	$\frac{1}{2} - \frac{1}{6}$
11	$\frac{1}{4} + \frac{1}{8} + \frac{1}{8} + \frac{3}{4}$	42	$\frac{7}{10} - \frac{3}{10}$
12	$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{3}{3}$	43	$\frac{4}{5} - \frac{1}{5}$ of $\frac{7}{5}$
13	$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{5}{6}$	44	$\frac{16}{5} - \frac{12}{5}$
14	$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{5}{3}$	45	$\frac{29}{12} - \frac{16}{12}$
15	$\frac{4}{5} + \frac{1}{5} + \frac{3}{5} + \frac{2}{5}$	46	$\frac{33}{4} - \frac{14}{4}$
16	$\frac{1}{2} + \frac{7}{8} + \frac{4}{5}$	47	$\frac{16}{3} - \frac{4}{3}$ of $\frac{1}{3}$
17	$\frac{3}{4} + \frac{5}{6} + \frac{2}{3}$	48	$\frac{5}{6} - \frac{4}{6}$ s.
18	$\frac{3}{4} + \frac{2}{4} + \frac{5}{4}$	49	$\frac{9}{10} - \frac{2}{10}$ s.
19	$\frac{6}{8} + \frac{4}{8} + \frac{1}{8}$	50	$\frac{4}{9}$ ton $-\frac{7}{10}$ cwt.
20	$\frac{3}{3} + \frac{1}{2}$ of $\frac{7}{8}$ of $\frac{4}{5}$	51	$\frac{3}{4}$ cwt. $-\frac{3}{4}$ qr.
21	$\frac{16}{8} + \frac{2}{3}$ of $\frac{4}{5}$	52	$\frac{9}{10}$ mile $-\frac{5}{10}$ fur.
22	$\frac{12}{12} + \frac{5}{9}$ of $\frac{7}{10}$	53	$\frac{7}{18}$ day $-\frac{5}{11}$ hour
23	$\frac{1}{4} - \frac{2}{5}$ s.	54	$\frac{1}{8}$ lb. $-\frac{5}{8}$ oz.
24	$\frac{1}{6} - \frac{1}{8}$ s.	55	$\frac{1}{2}$ acre $-\frac{5}{8}$ rood
25	$\frac{1}{6} - \frac{1}{3}$ of $\frac{1}{3}$ s.	56	$\frac{1}{5}$ week $-\frac{3}{11}$ day
26	$\frac{4}{5}$ cwt. $+\frac{1}{9}$ qr.	57	S. yd. $+\frac{5}{8}$ S. ft.
27	$\frac{1}{6}$ cwt. $+\frac{5}{8}$ lb.	58	S. yd. $-\frac{3}{4}$ S. ft.
28	$\frac{1}{11}$ ton $+\frac{2}{7}$ cwt.	59	\$7 + \$3.75
29	$\frac{3}{6} - \frac{2}{6}$	60	\$3.50 $-\frac{1}{8}$ \$2.43
30	$\frac{1}{6} - \frac{1}{6}$	61	\$56 $+\frac{9}{10}$ \$2.87
31	$\frac{3}{4} - \frac{2}{4}$	62	\$21 $-\frac{1}{8}$ \$4.66

Sec. 23.

63 $\frac{3}{8} \times 4$

64 $\frac{5}{9} \times 6$

65 $\frac{3}{3} \times 9$

66 $\frac{5}{8} \times 7$

67 $\frac{3}{30} \times 8$

68 $\frac{7}{8} \times 10$

69 $\frac{3}{4} \times \frac{4}{7}$

70 $\frac{3}{3} \times \frac{7}{8}$

71 $\frac{9}{10} \times \frac{5}{8}$

72 $\frac{7}{7} \times \frac{3}{8}$

73 $\frac{1}{2} \times \frac{1}{4}$

74 $\frac{5}{5} \times \frac{1}{20}$

75 $2\frac{1}{2} \times \frac{5}{8}$

76 $5\frac{3}{4} \times 1\frac{1}{8}$

77 $3\frac{2}{3} \times \frac{3}{4}$ of $\frac{3}{5}$

78 $8\frac{5}{9} \times \frac{7}{8}$ of $\frac{2}{3}$

79 $4\frac{2}{9} \times \frac{2}{3}$ of $\frac{5}{9} \times \frac{10}{23}$

80 $16\frac{1}{4} \times \frac{1}{2}$ of $2\frac{3}{8} \times 1\frac{5}{6}$

81 $47\frac{1}{2} \times 9\frac{2}{9}$

82 $\frac{1}{3} \times \frac{7}{11} \times \frac{9}{20}$

83 $24 \times 6\frac{3}{4}$

84 $38 \times 7\frac{4}{7}$

85 $47 \times 4\frac{7}{12}$

86 $12 \times 2\frac{9}{10}$

87 $11 \times 5\frac{4}{13}$

88 $16 \times 3\frac{2}{3}$

89 $14 \times 6\frac{2}{3}$

90 $13 \times 2\frac{5}{18}$

91 $\frac{1}{3}$ of $\frac{5}{6} \times 8$

92 $\frac{3}{2} + \frac{5}{8} \times 9$

93 $\frac{7}{5} + \frac{2}{3} \times 3\frac{1}{4}$

94 $1\frac{1}{2} - \frac{5}{8} \times 2\frac{3}{4}$

95 $7\frac{3}{4} - 1\frac{9}{10} \times 6$

96 $6\frac{3}{7} - 1\frac{4}{9} \times 7\frac{1}{4}$

97 $\frac{9}{12} \div 3$

98 $\frac{1}{6} \div 8$

99 $\frac{2}{2} \div 7$

100 $\frac{1}{3} \div 9$

101 $\frac{1}{2} \div 12$

102 $\frac{3}{4} \div 19$

103 $\frac{7}{8} \div \frac{3}{4}$

104 $\frac{1}{5} \div \frac{5}{8}$

105 $\frac{1}{5} \div \frac{4}{9}$

106 $\frac{4}{20} \div \frac{4}{5}$ of $\frac{3}{7}$

107 $1\frac{5}{6} \div \frac{3}{5}$

108 $2\frac{7}{12} \div 1\frac{4}{9}$

109 $5\frac{7}{10} \div \frac{1}{2}$ of $\frac{4}{5}$

110 $16\frac{3}{4} \div \frac{1}{6}$ of 23

111 $19\frac{4}{7} \div \frac{1}{9}$ of 13

112 $\frac{2}{3}$ of $\frac{4}{5} \div \frac{3}{5}$ of $\frac{1}{7}$

113 $\frac{4}{7}$ of $\frac{3}{4} \div 1\frac{1}{2}$ of 3

114 $\frac{1}{6}$ of $31 \div \frac{2}{3}$ of 8

115 $42\frac{1}{8} \div 19\frac{2}{7}$

116 $17\frac{1}{9} \div 11\frac{7}{8}$

117 $26\frac{1}{3} \div 4\frac{6}{7}$

118 $49\frac{8}{7} \div 2\frac{9}{10}$

119 $204\frac{1}{4} \div \frac{2}{3}$

120 $174\frac{3}{4} \div 12\frac{2}{3}$

121 $63\frac{5}{9} \div \frac{1}{6}$ of 73

122 $84\frac{1}{9} \div \frac{1}{3}$ of 11

123 $\frac{4}{5}$ of $\frac{1}{2}$ of $13 \div 1\frac{1}{4}$

124 $1\frac{4}{5} \div \frac{2}{5}$ of $\frac{1}{2}$ of 11

Sec. 24.

1	$1.5+3.7+12.6+7.3+13.9+27.4+28.9$	
2	$1.25+7.32+42.23+36.75+13.28$	
3	$27.31+46.9+39.17+2.7+38.57+1.45$	
04	$5.9+.46+31.58+.6+64.27+.94+12$	
5	$43.125+19.248+1.179+6.275+8.52$	
6	$12.7+15.06+13.055+53.005+61.535$	
7	$.789+.94+.083+.9+.399+38.05$	
8	$6.1753+9.6425+10.75+17.3642+5.194$	
9	$385.76+1.435+73.4725+.673+2.1747$	
10	$52.3725+.2989+16.1999+.007+1.0017$	
11	$6.23548+14.36295+35.73845+84.4736$	
12	$279.48763+836.5+.068+.3798+.97348$	
13	$.7+.75+.756+.7685+.78586+.796548$	
14	$.9+.45+.579+.3475+.83778+.575641$	
15	$268+.3749+5.+1.736582+100+.7764$	
16	$.0468+.00575+2369+.000325+477$	
17	$576.1+1.2673476+89.+10.746857+18.7$	
18	$15.86+368.784+.276843+185.7487395$	
19	$1.3784573+.071+.749682+146.+247$	
20	$7.06+.097+474.193+637.04+547.3$	
21	$24.5-18.56$	32 $42.375875-9.87$
22	$105.25-74.275$	33 $26756.2-.916253$
23	$9.36-7.6784$	34 $.91375-.765738$
24	$136.2-49.3045$	35 $2-.00000025$
25	$7.473-2.99992$	36 $36-.23567459$
26	$187.-.46705$	37 $4743.16-29.792$
27	$200.-1.94735$	38 $8.5-.852742$
28	$84\ 6-7.365738$	39 $136.95-79.0139$
29	$12.-.0125$	40 $98.09-64.9965$
30	$46.-.00125$	41 $100-76.7483$
31	$28.-.001256$	42 $28.15-13.971$

Sec. 24.

- 43 Three-tenths + forty-six hundredths + 25 thousandths + sixteen + four-tenths.
- 044 Sixty-five hundredths + sixty-five thousandths + ten + nineteen thousandths.
- 45 Twelve and seventy-three thousandths + 13 and 4 hundredths + 275 ten thousandths.
- 46 48 and thirty-one thousandths + ninety-eight ten thousandths + 45 hundred thousandths.
- 47 2 tenths + 29 thousandths + 346 hundred thousandths + 6 and 484 millionths.
- 48 386.796—fifty-nine and eight hundred and seven ten thousandths.
- 49 Sixty-eight and four hundred and twelve hundred thousandths—59.86.
- 50 247.—nineteen and two hundred and nine thousand and six millionths.
- 51 Seven thousandths—seventy-nine hundred thousandths.
- 52 25.75—17 and 856 hundred thousandths.
- 53 165 and two hundred and ninety-nine millionths—96 and 1487 millionths.
- 54 .485—496 ten millionths.
- 55 .6795—8498 ten millionths.
- 56 Five and four hundred and ninety-eight hundred thousandths—3.576.
- 57 4.—four ten thousandths.
- 58 7—56 hundred thousandths.
- 59 24.7—7 and 938 millionths.
- 60 13.04—6 and 65 ten millionths.
- 61 2701.—194 and 37 hundred millionths.
- 62 156 and 84 ten millionths—149.786.

Sec. 25.

1	4.5×3.4	32	$2.8743 \times .5746$
2	12.9×6.3	33	$7.3576 \times .025$
3	56.7×31.2	34	$38.125 \times .0375$
4	$1248. \times 14.26$	35	$575.379 \times .0047$
5	$39.71 \times 247.$	36	$49.233 \times .1875$
6	13.07×9.16	37	$7.4865 \times .028$
7	25.735×1.25	38	$8.69734 \times .029$
8	9.065×18.7	39	$.19376 \times 24.6$
9	63.465×2.09	40	$.04875 \times 139$
10	71.836×8.27	41	$.03374 \times 11.6$
11	$5 \times .5$	42	$1.875 \times .0625$
12	$.5 \times .5$	43	$.067 \times 6.7$
13	$5 \times .05$	44	$.067 \times .67$
14	$.5 \times .05$	45	$.067 \times .067$
15	$5 \times .005$	46	$.378 \times .0535$
16	$.5 \times .0005$	47	$26.85 \div .5$
17	$3 \times .3$	48	$28.497 \div .7$
18	$.3 \times .3$	49	$38.9068 \div 1.6$
19	$2 \times .2$	50	$27.46 \div 6.4$
20	$.2 \times .2$	51	$47.274 \div 1.47$
21	25×2.5	52	$283.009 \div 26.8$
22	2.5×2.5	53	$384.2365 \div 4.73$
23	$2.5 \times .25$	54	$3.96578 \div .374$
24	$.25 \times .25$	55	$4.063783 \div .297$
25	$48.7 \times .365$	56	$34.2784 \div 3.275$
26	$284.9 \times .3975$	57	$29.793 \div 16.281$
27	6.7324×47.06	58	$668.92 \div 178.25$
28	1.50375×93.4	59	$1674.507 \div 53.186$
29	$.768543 \times 17.04$	60	$3163.14 \div 78.31$
30	$54.4867 \times .2345$	61	$27385.2 \div 83.7$
31	$73.05972 \times .875$	62	$169.331 \div 5.437$

Sec. 25.

63	128.7	÷ 76.84	83	8864.76	× 14.62
64	285.6	÷ 29.482	84	401.27	× 9.83
65	147.31	÷ 9.7465	85	128.061	× 13.97
66	347.5	÷ 1.7389	86	229.301	× 1.62
67	53	÷ 7.34983	87	643.341	÷ 24.73
68	186	÷ 1.9735	88	1387.209	÷ 51.04
69	3475	÷ 21.271	89	9746.7	÷ 2.1973
70	41784	÷ 3.091	90	28	÷ .09472
71	6	÷ .2375	91	139	÷ .04743
72	1	÷ .3178	92	.06841	÷ 3.0971
73	2	÷ .0625	93	1	to a decimal
74	136.3	÷ .0787	94	1	to do.
75	52.389	÷ 42.7	95	1	to do.
76	71.499863	÷ 27	96	1	to do.
77	84	÷ 1.947745	97	1	to do.
78	241.3	÷ 68.7695	98	1	to do.
79	.57681	÷ .9498	99	1	to do.
80	283.471	÷ 12.3	100	1	to do.
81	1986.368	÷ 11.12	101	1	to do.
82	57867.19	÷ 42.36	102	1	to do.
103	Forty-three hundred thousandths × .037				
104	1345 millionths × 209 ten thousandths				
105	Seven thousandths ÷ 7 ten thousandths				
106	5 and 17 millionths ÷ 227 millionths				
107	68 thousandths ÷ 68 hundred thousandths				
108	Five twenty-ninths to a decimal				
109	Sixteen forty-fifths to do.				
110	Five three hundred and sixtieths to do.				
111	Twenty-one forty-ninths to do.				
112	Nineteen one hundred and twelfths to do.				
113	Twenty-nine one hundred & elevenths to do				

Sec. 26.

1	3d.	to the dec.	of a sh.	32	Value of .9 of a sh.
2	9d.	"	do. " do.	33	" .23 do.
3	11d.	"	do. " do.	34	" .76 do.
4	3d.	"	dec. " £	35	" .9 of a £.
05	9d.	"	do. " do.	36	" .09 do.
6	10d.	"	do. " do.	37	" .39 do.
7	27d.	"	do. " do.	38	" .63 do.
8	3s.	"	do. " do.	39	Val. of .7 of a ton
9	4s.	"	do. " do.	40	" .23 do.
10	6s.	"	do. " do.	41	" .19 of a cwt
11	9s.	"	do. " do.	42	" .07 do.
12	15s.	"	do. " do.	43	" .031 do.
13	1qr.	to dec.	of a cwt.	44	" .009 do.
14	7lb.	"	do. " do.	45	Val. of .3 of a lb. troy
15	16lb.	"	do. " do.	46	" .71 do.
16	19lb.	"	do. " do.	47	" .193 do.
17	26lb.	"	do. " do.	48	" .29 oz. troy
18	37lb.	"	do. " do.	49	" .08 do.
19	3 qr.	to dec.	of a yard	50	Val. of .6 of a mile
20	3 na.	"	do. " do.	51	" .13 do.
21	2 qr.	"	do. " E.E.	52	" .07 do.
22	2 na.	"	do. " do.	53	" .74 do.
23	7 fur.	to dec.	of a mile	54	Val. of .4 of a week
24	9 po.	"	do. " do.	55	" .23 do.
25	45 po.	"	do. " do.	56	" .41 of a day
26	5 hr.	to dec.	of a day	57	" .09 do.
27	9 hr.	"	do. " do.	58	" .47 of an hour
28	23 m.	"	do. " do.	59	Val. of .6 of a hhd
29	5 m.	"	do. " do.	60	" .18 do.
30	1 qt.	to dec.	of a gal.	61	" .019 do.
31	1 pt.	"	do. " do.	62	" .59 do.

Sec. 26.

63	Reduce 2s. 4 d. to the decimal of a £
64	" 3s. 9 d. to do. of do.
065	" 7s. 3½ d. to do. of do.
66	" 10s. 6½ d. to do. of do.
67	" 17s. 9½ d. to do. of do.
68	" 3 cwt. 2 qr. 8 lb. to the decimal of a t
69	" 7 cwt. 1 qr. 17 lb to do. of do
70	" 1 qr. 9 lb. to the decimal of a cwt
71	" 15 lb. 4 oz. 7 dr. to do. of do.
72	" 2 oz. 16 dwt. to the decimal of a lb.
73	" 3 oz. 15 dwt. 11 gr. to do. of do.
74	" 7⅔ 3⅔ 19 to the decimal of a lb
675	" 7⅔ 29 14 gr. to do. of do.
76	" 2yds. 3qr. 3na. to the decimal of a ya
77	" 13yds. 2qr. 1na. to do. of do.
78	" 16ds. 21hrs. 17min. to decimal of a da
79	" 9 hrs. 5 min. 11 sec. to do. do.
80	" 6 hhds. 17 gal. 3 qt. to the dec. of a t
81	" 47 gal. 2 qt. 1 pt. to do. of a h
82	" 16 gal. 1 qt. 1 pt. to do. of a u
83	Value of .79684737 of a £
84	" of .073847496 of a £
85	" of .1907486983 of a ton
86	" of .69846897 of a cwt.
87	" of 2.746834976 lb. troy
88	" of 17.497856 lb apothecaries
89	" of .038874091 of an acre
90	" of .002769574 of a solid yard
91	" of 1.399846745 solid yards
92	" of 2.97684569 weeks
93	" of 37.309773 days

Sec. 27.

1	$1\frac{3}{4}$	yards	at	\$4.75	per yard
2	$1\frac{7}{8}$	do.	at	5.75	per do.
3	$2\frac{3}{8}$	do.	at	6.75	per do.
4	$4\frac{3}{4}$	do.	at	2.25	per do.
05	$2\frac{5}{16}$	do.	at	$1.87\frac{1}{2}$	per do.
6	$4\frac{3}{16}$	do.	at	7.00	per do.
7	17	pounds	at	$.37\frac{1}{2}$	per pound
8	14	do.	at	$.18\frac{3}{4}$	per do.
9	$8\frac{1}{4}$	do.	at	$.14\frac{1}{2}$	per do.
10	$10\frac{1}{2}$	do.	at	$.13\frac{1}{2}$	per do.
11	$6\frac{1}{4}$	do.	at	$.11\frac{1}{2}$	per do.
12	$12\frac{1}{4}$	do.	at	$.12\frac{1}{2}$	per do.
13	$24\frac{1}{4}$	do.	at	$.06\frac{1}{4}$	per do.
14	$17\frac{3}{4}$	do.	at	$.16\frac{1}{2}$	per do.
015	$6\frac{5}{16}$	do.	at	$.15\frac{1}{4}$	per do.
16	$7\frac{3}{16}$	do.	at	$.14\frac{1}{2}$	per do.
17	$7\frac{1}{8}$	do.	at	$.12\frac{1}{2}$	per do.
18	$8\frac{1}{16}$	do.	at	.17	per do.
19	$24\frac{1}{2}$	bushels	at	$.43\frac{3}{4}$	per bushel
20	$16\frac{1}{4}$	do.	at	$.56\frac{1}{4}$	per do.
21	37	do.	at	$.87\frac{1}{2}$	per do.
22	$49\frac{1}{4}$	do.	at	$.93\frac{3}{4}$	per do.
23	$21\frac{1}{2}$	do.	at	$1.12\frac{1}{2}$	per do.
24	76	do.	at	$1.33\frac{1}{3}$	per do.
025	$15\frac{1}{2}$	yards	at	$.37\frac{1}{2}$	per yard
26	$9\frac{1}{4}$	do.	at	.22	per do.
27	$8\frac{1}{2}$	do.	at	$.27\frac{1}{2}$	per do.
28	$6\frac{3}{4}$	do.	at	$.31\frac{1}{4}$	per do.
29	$4\frac{3}{8}$	do.	at	.40	per do.
30	$5\frac{3}{8}$	do.	at	$.43\frac{3}{4}$	per do.
31	$8\frac{1}{8}$	do.	at	$.56\frac{1}{4}$	per do.

Sec. 27.

32	25	pounds	at	\$1.87 $\frac{1}{2}$	per	pound
33	19 $\frac{3}{4}$	do.	at	.07 $\frac{1}{2}$	per	do.
34	26	do.	at	.16 $\frac{1}{4}$	per	do.
035	21 $\frac{7}{8}$	do.	at	.62 $\frac{1}{2}$	per	do.
36	26 $\frac{5}{8}$	do.	at	1.12 $\frac{1}{2}$	per	do.
37	19 $\frac{4}{3}$	do.	at	1.37 $\frac{1}{2}$	per	do.
38	7 $\frac{5}{2}$	do.	at	2.43 $\frac{3}{4}$	per	do.
39	18 $\frac{1}{2}$	do.	at	1.56 $\frac{1}{4}$	per	do.
40	10 $\frac{9}{12}$	do.	at	7.50	per	do.
41	8 $\frac{1}{8}$	do.	at	1.25	per	do.
42	2 $\frac{3}{20}$	oz. troy	at	1.15	per	ounce
43	11 $\frac{4}{20}$	do.	at	1.25	per	do.
44	7 $\frac{5}{20}$	do.	at	1.18 $\frac{3}{4}$	per	do.
045	13 $\frac{6}{20}$	do.	at	1.06 $\frac{1}{4}$	per	do.
46	13 $\frac{1}{20}$	do.	at	1.10	per	do.
47	3 $\frac{1}{4}$	gallons	at	1.37 $\frac{1}{2}$	per	gallon
48	7 $\frac{3}{4}$	do.	at	.43 $\frac{3}{4}$	per	do.
49	15 $\frac{1}{2}$	do.	at	.31 $\frac{1}{4}$	per	do.
50	63	do.	at	.68 $\frac{3}{4}$	per	do.
51	29 $\frac{1}{2}$	acres	at	8.87 $\frac{1}{2}$	per	acre
52	11 $\frac{7}{8}$	do.	at	9.25	per	do.
53	41 $\frac{7}{8}$	do.	at	11.62 $\frac{1}{2}$	per	do.
54	14 $\frac{7}{8}$	yards	at	5.87 $\frac{1}{2}$	per	yard
055	28 $\frac{3}{4}$	do.	at	.15 $\frac{1}{2}$	per	do.
56	27 $\frac{1}{4}$	do.	at	.33 $\frac{1}{3}$	per	do.
57	24 $\frac{3}{4}$	do.	at	.33 $\frac{1}{3}$	per	do.
58	31 $\frac{1}{4}$	do.	at	.33 $\frac{1}{3}$	per	do.
59	18 $\frac{1}{2}$	do.	at	.16 $\frac{2}{3}$	per	do.
60	24 $\frac{1}{2}$	do.	at	.66 $\frac{2}{3}$	per	do.
61	29	do.	at	.66 $\frac{2}{3}$	per	do.
62	32 $\frac{1}{4}$	do.	at	.33 $\frac{1}{3}$	per	do.

Sec. 28.

1	46	yards	at	\$3.62 $\frac{1}{2}$	per	2	yards
2	37 $\frac{1}{2}$	do.	at	4.87 $\frac{1}{2}$	per	3	do.
3	42 $\frac{3}{4}$	do.	at	7.87 $\frac{1}{2}$	per	1 $\frac{1}{2}$	do.
4	58 $\frac{1}{4}$	do.	at	11.37 $\frac{1}{2}$	per	4	do.
05	87 $\frac{3}{4}$	do.	at	19.50	per	5 $\frac{1}{2}$	do.
6	116	lbs.	at	1.37 $\frac{1}{2}$	per	7	lbs.
7	94 $\frac{1}{2}$	do.	at	1.18 $\frac{3}{4}$	per	5	do.
8	241 $\frac{1}{2}$	do.	at	2.75	per	11	do.
9	121	do.	at	.56 $\frac{1}{4}$	per		lb.
10	179 $\frac{1}{2}$	do.	at	.31 $\frac{1}{4}$	per		do.
11	43 $\frac{3}{4}$	do.	at	.37 $\frac{1}{2}$	per		do.
12	122 $\frac{1}{2}$	do.	at	1.93 $\frac{3}{4}$	per	3	lbs.
13	1	lb.	at	12.50	per	56	do.
14	1	do.	at	17.75	per	87	do.
15	3	lbs.	at	21.86	per	100	do.
16	5 $\frac{1}{2}$	do.	at	10.50	per	196	do.
17	9	do.	at	11.75	per	196	do.
18	4	do.	at	9.62 $\frac{1}{2}$	per	196	do.
19	196	do.	at	.25	per	4 $\frac{1}{2}$	do.
20	196	do.	at	.25	per	5	do.
21	196	do.	at	.25	per	5 $\frac{1}{2}$	do.
22	196	do.	at	1.00	per	19	do.
23	28 $\frac{1}{4}$	yards	at	3.87 $\frac{1}{2}$	per		yard
24	57 $\frac{1}{4}$	do.	at	2.18 $\frac{3}{4}$	per		do.
25	1	yard	at	113.50	per	28 $\frac{1}{4}$	yards
26	2	yards	at	98.75	per	27 $\frac{3}{4}$	do.
27	2 $\frac{1}{4}$	do.	at	112.75	per	29 $\frac{1}{2}$	do.
28	39	do.	at	.11 $\frac{3}{4}$	per		yard
29	36 $\frac{1}{2}$	do.	at	.17 $\frac{1}{4}$	per		do.
30	96	lbs.	at	.34	per	3	lbs.
31	3	do.	at	7.50	per	94	lbs.

Sec. 28.

32	4	lbs. at	\$8.37 $\frac{1}{2}$	per 112 lbs.
33	2000	do. at	.05 $\frac{1}{2}$	per lb.
34	1763	do. at	.07 $\frac{1}{2}$	per do.
35	98 $\frac{3}{4}$	gals. at	.87 $\frac{1}{2}$	per gal.
36	72 $\frac{1}{4}$	do. at	.68 $\frac{3}{4}$	per do.
37	1	do. at	74.25	per 63 gals.
38	7 $\frac{3}{4}$	do. at	85.00	per 63 do.
39	7 $\frac{3}{4}$	do. at	4.50	per 31 $\frac{1}{2}$ do.
40	15 $\frac{1}{2}$	do. at	99.50	per 84 do.
41	84	do. at	7.50	per 7 $\frac{3}{4}$ do.
42	252	do. at	2.37 $\frac{1}{2}$	per 1 gal.
43	13	days work at	1.37 $\frac{1}{2}$	per day
44	12 $\frac{3}{4}$	do. at	.87 $\frac{1}{2}$	per do.
45	19	do. at	3.50	per week
46	9 $\frac{1}{2}$	do. at	4.75	per do.
47	1 lb.	avoirdupois at	.02 $\frac{3}{4}$	per ounce
48	1 oz.	do. at	1.68 $\frac{3}{4}$	per pound
49	1 oz.	troy at	5.75	per do.
50	1 lb.	do. at	.93 $\frac{3}{4}$	per ounce
51	860	lbs. avoir.	at 2.43 $\frac{3}{4}$	per 100 lbs.
52	795	do.	at 3.18 $\frac{3}{4}$	per 100 do.
53	1341	do.	at 1.31 $\frac{1}{4}$	per 100 do.
54	597	do.	at 2.12 $\frac{1}{2}$	per 112 do.
55	683	do.	at 9.87 $\frac{1}{2}$	per 112 do.
56	6438	do.	at 5.18 $\frac{3}{4}$	per 112 do.
57	26	tons.	at 3.75	per cwt.
58	34 $\frac{1}{2}$	do.	at 5.87 $\frac{1}{2}$	per do.
59	1 $\frac{1}{2}$	cwt.	at 11.93 $\frac{3}{4}$	per ton
60	3 $\frac{3}{4}$	do.	at 13.75	per do.
61	2 $\frac{7}{8}$	do.	at 6.87 $\frac{1}{2}$	per do.
62	5 $\frac{1}{4}$	yards	at 9.78	per 31 yards

Sec. 29.

1	5lb. 11oz. 16dwt. 21gr.	at \$1.18 $\frac{3}{4}$	per ounce
2	4lb. 6 oz. 17dwt.	at 1.16 $\frac{3}{8}$	per do.
3	17lb. 10oz. 14dwt.	at 1.17 $\frac{1}{2}$	per do.
4	1lb. 11oz. 9dwt. 20gr.	at .87 $\frac{1}{2}$	per dwt.
5	2lb. 7oz. 10dwt. 22gr.	at .86	per do.
6	10oz. 17dwt. 16gr.	at .85 $\frac{1}{2}$	per do.
7	1 $\frac{1}{2}$ 9 $\frac{3}{4}$ 4 $\frac{3}{4}$ 1 $\frac{3}{4}$ 12gr.	at .12 $\frac{1}{2}$	per $\frac{3}{4}$
8	3 $\frac{1}{2}$ 9 $\frac{3}{4}$ 7 $\frac{3}{4}$ 1 $\frac{3}{4}$	at .06 $\frac{1}{4}$	per do.
9	4 $\frac{1}{2}$ 11 $\frac{3}{4}$ 6 $\frac{3}{4}$	at .31 $\frac{1}{4}$	per $\frac{3}{4}$
10	8 $\frac{3}{4}$ 3 $\frac{3}{4}$ 2 $\frac{3}{4}$ 19gr.	at .56 $\frac{1}{4}$	per do.
11	1 $\frac{3}{4}$ 2 $\frac{3}{4}$ 11gr.	at .06 $\frac{1}{4}$	per $\frac{3}{4}$
12	2T. 11cwt. 3qr. 17 lb.	at 2.75	per cwt.
13	3T. 19cwt. 2qr. 10lb.	at 3.87 $\frac{1}{2}$	per do.
14	17cwt. 3qr. 26lb.	at 12.50	per do.
15	10 lb. 6 oz.	at .16 $\frac{1}{2}$	per lb.
16	7 lb. 11 oz.	at .17 $\frac{1}{2}$	per do.
17	24 yds. 3 qr. 3 na.	at 5.50	per yard
18	21 yds. 2 qr. 2 na.	at 7.25	per do.
19	14 yds. 1 qr. 1 na.	at 6.87 $\frac{1}{2}$	per E.En
20	19 yds. 3 qr.	at 4.43 $\frac{3}{4}$	per E. Fl
21	13 yds. 1 qr. 2 na.	at 5.93 $\frac{3}{4}$	per yard
22	18 E.E. 4 qr. 3 na.	at 6.12 $\frac{1}{2}$	per E. Fl
23	15 A. 3 r. 24 per.	at 36.50	per acre
24	36 A. 1 r. 16 per.	at 18.25	per do.
25	116 A. 2 r. 21 per.	at 24.75	per do.
26	49 A. 3 r. 33 per.	at 14.87 $\frac{1}{2}$	per do.
27	7 bushels 2 pk. 6 qt.	at 1.87 $\frac{1}{2}$	per bu.
28	9 bu. 1 pk. 4 qt.	at 2.18 $\frac{3}{4}$	per do.
29	4 bu. 2 pk. 1 qt.	at 1.33 $\frac{1}{3}$	per do.
30	16 bu. 2 pk. 5 qt.	at 1.66 $\frac{2}{3}$	per do.
31	76 bu. 3 pk.	at .93 $\frac{3}{4}$	per do.

Sec. 29.

32	Value of 13cwt.2qr.17lb. at	\$4.75	per 100lb
33	" of 19cwt.3qr.27lb. at	3.87 $\frac{1}{2}$	per do.
34	" of 96cwt.1qr.19lb. at	4.43 $\frac{3}{4}$	per do.
35	" of 113cwt.3qr.13lb. at	7.93 $\frac{1}{4}$	per do.
36	" of 14cwt. 16lb. at	1.87 $\frac{1}{2}$	per do.
37	" of 39cwt.3qr.18lb. at	2.68 $\frac{1}{2}$	per do.
38	" of 7cwt.1qr.11lb. at	2.12 $\frac{1}{2}$	per do.
39	" of 7T.16cwt.22lb. at	11.25	per do.
40	" of 11T.12cwt. at	12.62 $\frac{1}{2}$	per do.
41	" of 17T.13cwt.2qr. at	7.37 $\frac{1}{2}$	per do.
42	" of 10T.17cwt.18lb. at	8.33 $\frac{1}{3}$	per do.
43	" of 33T.14cwt.3qr. at	6.66 $\frac{2}{3}$	per do.
44	" of 41T.14cwt. 16lb. at	1.95	per do.
45	" of 7T. 15 cwt. 3qr. at	3.45	per do.
46	" of 1749 lbs. at	\$5.87 $\frac{1}{2}$	per 112lb.
47	" of 3174 lbs. at	11.50	per do.
48	" of 9739 lbs. at	13.62 $\frac{1}{2}$	per do.
49	" of 21481 lbs. at	7.77 $\frac{1}{2}$	per do.
50	" of 12421 lbs. at	2.50	per do.
51	" of 33646 lbs. at	3.93 $\frac{3}{4}$	per do.
52	" of 19686 lbs. at	9.87 $\frac{1}{2}$	per do.
53	" of 38618 lbs. at	8.45	per do.
54	" of 32160 lbs. at	9.25	per do.
55	" of 22140 lbs. at	10.43 $\frac{3}{4}$	per do.
56	" of 1763 lbs. at	5.48	per do.
57	" of 289 lbs. at	21.50	per do.
58	" of 879 lbs. at	18.75	per do.
59	" of 186 $\frac{3}{4}$ lbs. at	32.87 $\frac{1}{2}$	per do.
60	" of 59 $\frac{3}{4}$ lbs. at	48.75	per do.
61	" of 164 $\frac{1}{4}$ lbs. at	28.62 $\frac{1}{2}$	per do.
62	" of 76 $\frac{1}{2}$ lbs. at	34.37 $\frac{1}{2}$	per do.

Sec. 30.

1	4	per cent	of	\$100	32	4 $\frac{1}{2}$	pr.ct.of	\$60.
2	3	do.	of	200	33	5 $\frac{2}{3}$	do. of	75.
3	5	do.	of	150	34	7 $\frac{2}{3}$	do. of	98.
4	6	do.	of	250	35	11 $\frac{1}{3}$	do. of	115.
5	7	do.	of	300	36	3	do. of	26.50
6	9	do.	of	125	37	4	do. of	43.25
7	11	do.	of	46	38	5	do. of	68.75
8	13	do.	of	18	39	6	do. of	13.75
9	17	do.	of	11	40	7	do. of	101.23
10	23	do.	of	175	41	12 $\frac{1}{2}$	do. of	6.74
11	34	do.	of	436	42	3 $\frac{1}{2}$	do. of	17.42
12	75	do.	of	100	43	4 $\frac{1}{2}$	do. of	29.53
13	85	do.	of	25	44	4 $\frac{1}{2}$	do. of	7.36
14	100	do.	of	100	45	4 $\frac{1}{2}$	do. of	16.47
15	2 $\frac{1}{2}$	do.	of	100	46	4 $\frac{1}{2}$	do. of	27.16
16	3 $\frac{1}{4}$	do.	of	140	47	4 $\frac{1}{2}$	do. of	120.75
17	2 $\frac{3}{4}$	do.	of	120	48	4 $\frac{1}{2}$	do. of	115.12 $\frac{1}{2}$
18	4 $\frac{1}{4}$	do.	of	100	49	4 $\frac{1}{2}$	do. of	427.10
19	12 $\frac{1}{2}$	do.	of	130	50	10	do. of	312.17
20	1 $\frac{1}{4}$	do.	of	100	51	1 $\frac{1}{4}$	do. of	45.26
21	1 $\frac{1}{2}$	do.	of	100	52	2 $\frac{1}{2}$	do. of	78.16
22	1 $\frac{3}{4}$	do.	of	100	53	3 $\frac{1}{4}$	do. of	10.75
23	1 $\frac{1}{2}$	do.	of	125	54	4 $\frac{1}{2}$	do. of	18.25
24	1 $\frac{1}{2}$	do.	of	148	55	5 $\frac{2}{3}$	do. of	21.90
25	1 $\frac{1}{2}$	do.	of	236	56	6 $\frac{1}{2}$	do. of	96.17
26	1 $\frac{1}{2}$	do.	of	378	57	7 $\frac{2}{3}$	do. of	101.39
27	2 $\frac{1}{8}$	do.	of	249	58	2 $\frac{1}{10}$	do. of	23.44
28	2 $\frac{1}{8}$	do.	of	175	59	3 $\frac{3}{10}$	do. of	47.70
29	2 $\frac{1}{8}$	do.	of	146	60	4 $\frac{1}{5}$	do. of	12.80
30	6 $\frac{3}{8}$	do.	of	45	61	4 $\frac{3}{5}$	do. of	27.38
31	2 $\frac{1}{10}$	do.	of	68	62	5 $\frac{3}{5}$	do. of	69.50

Sec. 30.

63	Commission	on \$4725	at $2\frac{1}{2}$	per cent.
64	do.	on 12750	at $3\frac{1}{2}$	per cent.
65	do.	on 13748	at $3\frac{3}{4}$	per cent.
66	do.	on 21350	at $4\frac{3}{4}$	per cent.
67	do.	on 1346.75	at $5\frac{1}{8}$	per cent.
68	do.	on 1437.50	at $6\frac{1}{4}$	per cent.
69	do.	on 21764.25	at $\frac{1}{2}$	per cent.
70	do.	on 3147.23	at $\frac{1}{4}$	per cent.
71	do.	on 6753.86	at $\frac{3}{4}$	per cent.
72	do.	on 7472.94	at $\frac{1}{2}$	per cent.
73	do.	on 8293.27	at $1\frac{1}{8}$	per cent.
74	do.	on 3951.18	at $\frac{3}{8}$	per cent.
75	do.	on 1953.24	at $\frac{2}{3}$	per cent.
76	do.	on 14186.38	at $2\frac{5}{8}$	per cent.
77	do.	on 48764.13	at $\frac{1}{10}$	per cent.
78	Insurance	on \$4000	at $2\frac{1}{4}$	per cent.
79	do.	on 7000	at $1\frac{1}{2}$	per cent.
80	do.	on 11500	at $1\frac{1}{2}$	per cent.
81	do.	on 31500	at $\frac{5}{8}$	per cent.
82	do.	on 14750	at $\frac{3}{8}$	per cent.
83	do.	on 52340	at $\frac{7}{8}$	per cent.
84	Am't of tax	on \$1250	at 30 cents per	\$100
85	do.	on 3750	at 70 cents per	do.
86	do.	on 12530	at 20 cents per	do.
87	do.	on 325	at 70 cents per	do.
88	do.	on 1750	at 25 cents per	do.
89	do.	on 21775	at 10 cents per	do.
90	do.	on 10245	at 35 cents per	do.
91	do.	on 450	at \$1.50 per	do.
92	do.	on 2425	at 15 cents per	do.
93	do.	on 350	at 40 cents per	do.

Sec. 31.

1	Interest of	\$100	for 1 yr. at 6 pr. ct. pr. an
2	do. of	200	for 2 years at do.
3	do. of	150	for 3 years at do.
4	do. of	225	for 4 years at do.
5	do. of	37.50	for 5 years at do.
6	do. of	68.75	for 6 years at do.
7	do. of	146	for 8 months at do.
8	do. of	249	for 9 mo. at do.
9	do. of	175	for 1 yr. 2mo. at do.
10	do. of	296	for 1 yr. 5mo. at do.
11	do. of	28.50	for 1 yr. 1mo. at do.
12	do. of	36.75	for 11mo. at do.
13	do. of	127.40	for 2yr. 3mo. at do.
14	do. of	216.12 $\frac{1}{2}$	for 1yr. 9mo. at do.
15	do. of	26.87 $\frac{1}{2}$	for 2yr. 11mo. at do.
16	do. of	56.75	for 3yr. 7mo. at do.
17	do. of	65.25	for 1yr. 3mo. at do.
18	do. of	141.16	for 2yr. 2mo. at do.
19	do. of	29.84	for 3yr. 9mo. at do.
20	do. of	241.00	for 6mo. 15ds. at do.
21	do. of	168.00	for 11mo. 20ds. at do.
22	do. of	225.00	for 8 mo. 12ds. at do.
23	do. of	68.75	for 10mo. 10ds. at do.
24	do. of	76.50	for 5mo. 6 ds. at do.
25	do. of	124.12 $\frac{1}{2}$	for 4mo. 5ds. at do.
26	do. of	131.61	for 1yr. 2m. 20d. at do.
27	do. of	142.17	for 1yr. 5m. 12d. at do.
28	do. of	320.37 $\frac{1}{2}$	for 2yr. 6m. 15d. at do.
29	do. of	336.80	for 2yr. 7m. 6d. at do.
30	do. of	428.15	for 3yr. 8m. 20d. at do.
31	do. of	195.42	for 1yr. 3m. 12d. at do.

Sec. 31.

32	Int. of	\$45.	for 2 yr. 15 days	at 6 pr.ct.
33	do. of	123.	for 3 yr. 18 days	at do.
34	do. of	231.18	for 1 yr. 7mo.10ds.	at do.
35	do. of	396.84	for 2 yr. 1 mo. 5 ds.	at do.
36	do. of	120.	for 2 yr. 6mo.25ds.	at do.
37	do. of	75.62 $\frac{1}{2}$	for 1 yr. 4mo. 18ds.	at do.
38	do. of	243.50	for 2yr. 1mo. 24 ds.	at do.
39	do. of	673.14	for 10 mo. 9 ds.	at do.
40	do. of	128.76	for 1yr.2mos. 26ds.	at do.
41	do. of	1472.41	for 3yr. 1mo. 22ds.	at do.
42	do. of	1226.84	for 1yr. 11mo. 11ds.	at do.
43	do. of	3492.73	for 8 mo. 14 ds.	at do.
44	do. of	1830.	for 5y. 7 mo. 22 ds.	at do.
45	do. of	426.	for 2yr. 8 mo. 17ds.	at do.
46	do. of	153.40	for 2 yr. 5 mo. 1da.	at do.
47	do. of	173.	for 6yr. 11mo. 28ds.	at do.
48	do. of	214.16	for 9mo. 16 ds.	at do.
49	do. of	162.11	for 3 mo. 13 ds. .	at do.
50	do. of	71.86	for 2 mo. 7 ds.	at do.
51	do. of	94.17	for 1 yr. 1mo. 16ds.	at do.
52	do. of	111.24	for 1 yr. 9 mo. 8 ds.	at do.
53	do. of	1347.50	for 7yr. 8 mo. 18ds.	at do.
54	do. of	2163.74	for 9yr. 7mo. 11 ds.	at do.
55	do. of	132.42	for 1yr. 10mo. 9 ds.	at do.
56	do. of	86.78	for 10yr. 7 mo. 7ds.	at do.
57	do. of	39.94	for 4 yr. 3 mo. 5 ds	at do.
58	do. of	15.10	for 3yr. 11mo. 8ds.	at do.
59	do. of	22.	for 11yr. 6mo. 23ds.	at do.
60	do. of	20.50	for 15yr. 11mo. 18ds.	at do.
61	do. of	174.72	for 3mo. 3 ds.	at do.
62	do. of	326.75	for 5 mo. 17 ds.	at do.

Sec. 32.

1	Int. of \$137.	for 30 days at 6 pr. ct. pr. an	
2	do. of 124.50	for 60 days at do.	"
3	do. of 46.75	for 90 days at do.	"
4	do. of 75.	for 45 days at do.	"
5	do. of 37.50	for 20 days at do.	"
6	do. of 250.	for 40 days at do.	"
7	do. of 737.40	for 15 days at do.	"
8	do. of 682.75	for 25 days at do.	"
9	do. of 297.36	for 36 days at do.	"
10	do. of 115.46	for 100 days at do.	"
11	do. of 94.12½	for 50 days at do.	"
12	do. of 57.63	for 60 days at do.	"
13	do. of 38.50	for 30 days at do.	"
14	do. of 2000.	for 90 days at do.	"
15	do. of 1250.	for 60 days at do.	"
16	do. of 149.70	for 20 days at do.	"
17	do. of 65.63	for 24 days at do.	"
18	do. of 39.25	for 12 days at do.	"
19	Am't of \$100.	for 1 year at 6 per ct.	"
20	do. of 200.	for 1 year at do.	"
21	do. of 150.	for 9 months at do.	"
22	do. of 175.	for 7 months at do.	"
23	do. of 247.	for 1 yr. 2 mo. at do.	"
24	do. of 112.50	for 1 yr. 4 mo. at do.	"
25	do. of 132.45	for 1 yr. 7 mo. at do.	"
26	do. of 450.	for 1yr.3mo.20d.at do.	"
27	do. of 87.50	for 11 mo. 25 ds. at do.	"
28	do. of 134.86	for 2y.9mo.18ds.at do.	"
29	do. of 59.74	for 7y.11m.28ds.at do.	"
30	do. of 15.12½	for 11 yr. 29 ds. at do.	"
31	do. of 7500.	for 9y.11m.23ds.at do.	"

Sec. 32.

32	Am't of	\$1398	for 0y. 10m. 10d. at 6 per ct.
33	do. of	973	for 5y. 7m. 16d. at do.
34	do. of	133.33 $\frac{1}{3}$	for 11y. 14d. at do.
35	do. of	243.28	for 3yr. 9mo. at do.
36	do. of	193.14	for 5y. 10m. 8d. at do.
37	do. of	248.60	for 1y. 11m. 9d. at do.
38	Int. of	\$275.	for 1 year at 5 $\frac{1}{2}$ per ct.
39	do. of	750.	for 1 yr. 6m. at 5 per ct
40	do. of	162.78	for 1 yr. 4 mo. at 4 $\frac{1}{2}$ per ct.
41	do. of	346.50	for 2 yr. 2 mo. at 6 $\frac{1}{4}$ per ct.
42	do. of	964.70	for 10 $\frac{1}{2}$ mo. at 4 $\frac{1}{2}$ per ct.
43	do. of	156.12	for 1 yr. 9 $\frac{1}{2}$ mo. at 5 per ct.
44	do. of	375.	for 3 yr. 3 $\frac{1}{4}$ mo. at 5 per ct.
45	do. of	1236.10	for 2 yr. 7 $\frac{1}{2}$ mo. at 3 $\frac{1}{2}$ per ct.
46	do. of	85.75	for 11 mo. at 7 per ct.
47	do. of	112.11	for 9 mo. 15 ds. at 7 per ct.
48	do. of	276.25	for 1y. 1m. 15ds. at 5 per ct.
49	do. of	772.36	for 1y. 7m. 10d. at 4 per ct.
50	do. of	836.15	for 3y 4mo. 20d. at 3 per ct.
51	do. of	46.80	for 5 $\frac{1}{2}$ mo. at 8 per ct.
52	do. of	171.83	for 11mo. 10ds. at 7 per ct.
53	do. of	196.62 $\frac{1}{2}$	for 15mo. 18ds. at 7 $\frac{1}{2}$ per ct.
54	do. of	443.28	for 17mo. 6ds. at 6 $\frac{1}{4}$ per ct.
55	do. of	2136.09	for 19mo. 5ds. at 5 $\frac{1}{2}$ per ct.
56	do. of	273.81 $\frac{1}{4}$	for 20mo. 7ds. at 4 $\frac{1}{2}$ per ct.
57	do. of	481.18	for 22mo. 7ds. at 8 $\frac{1}{4}$ per ct.
58	do. of	536.16	for 1y. 11m. 15d. at 4 per ct.
59	do. of	75.87 $\frac{1}{2}$	for 2y. 1m. 9d. at 6 $\frac{1}{2}$ per ct.
60	do. of	115.60	for 2y. 2m. 5d. at 4 $\frac{1}{2}$ per ct.
61	do. of	118.31 $\frac{1}{4}$	for 2y. 3m. 3d. at 2 $\frac{1}{2}$ per ct.
62	do. of	120.35	for 2y. 5m. 12d. at 5 $\frac{1}{4}$ per ct.

Sec. 33.

1	Pres't worth	of \$106.	due in 1 yr. at 6 pr. ct
2	do.	of 212.	" in 1 yr. at 6 do
3	do.	of 318.	" in 1 yr. at 6 do.
4	do.	of 100.	" in 1 yr. at 6 do.
5	do.	of 200.	" in 1 yr. at 6 do.
6	do.	of 300.	" in 1 yr. at 6 do.
7	do.	of 125.	" in 6 mo. at 6 do.
8	do.	of 158.	" in 9 mo. at 6 do.
9	do.	of 750.	" in 3 mo. at 6 do.
10	do.	of 1200.	" in 2 yrs. at 6 do.
11	do.	of 1750.	" in 90 ds. at 6 do.
12	do.	of 275.	" in 60 ds. at 6 do.
13	do.	of 96.25	" in 18mo. at 5 do.
14	do.	of 50.	" in 30mo. at 4 do.
15	do.	of 1000.	" in 9 mo. at 4½ do.
16	do.	of 768.50	" in 4 mo. at 5 do.
17	do.	of 836.75	" in 12mo. at 6 do.
18	do.	of 1100.	" in 7½mo. at 7 do.
19	do.	of 93.75	" in 5½mo. at 6 do.
20	do.	of 183.	" in 8 mo. at 6 do.
21	do.	of 1700.	" in 30 ds. at 8 do.
22	do.	of 2100.	" in 20 ds. at 6 do.
23	do.	of 2750.	" in 25 ds. at 4 do.
24	do.	of 1637.50	" in 40 ds. at 6 do.
25	do.	of 362.71	" in 45 ds. at 6 do.
26	do.	of 172.	" in 50 ds. at 5 do.
27	do.	of 39.17	" in 9 mo. at 4 do.
28	do.	of 293.	" in 7½mo. at 6 do.
29	do.	of 2400.	" in 18mo. at 6 do.
30	do.	of 980.	" in 13mo. at 4½ do.
31	do.	of 1679.	" in 5½mo. at 6 do.

Sec. 33.

- 32 Pres't worth at 6 pr. ct. of \$1500, $\frac{1}{3}$ payable in 3 mo., $\frac{1}{3}$ in 6 mo., and $\frac{1}{3}$ in 9 mo.
- 33 Pres't worth at 6 pr. ct. of \$900, $\frac{1}{2}$ payable in 4 mo., and the other $\frac{1}{2}$ in 8 mo.
- 34 Pres't worth at 6 pr. ct. of \$1600, $\frac{1}{4}$ payable in 4 mo., $\frac{1}{4}$ in 6 mo. and the balance in 12 mo.
- 35 Pres't worth at 6 pr. ct. of \$2400, of which \$500 are to be paid in 3 mo., 500 in 6 mo., \$600 in 12mo. and the residue in 18 mo.
- 36 Pres't worth at 6 pr. ct. of \$1750, $\frac{1}{3}$ payable in 6 mo., $\frac{1}{3}$ in 12 mo., $\frac{1}{3}$ in 18 mo., and the balance in 2 years.
- 37 Pres't worth at 5 pr. ct. of \$1800, $\frac{1}{3}$ payable in 6 mo., $\frac{1}{3}$ in 1 yr., and the balance in 2 yrs.
- 38 Pres't worth at 5 pr. ct. of \$1100, one half payable in 5 mo., and the other half in 9 mo.
- 39 Pres't worth at 4 pr. ct. of \$450, $\frac{1}{3}$ payable in 6 mo., and the balance in 14 months.
- 40 Pres't worth at 6 pr. ct. of \$3500, $\frac{1}{2}$ payable in 4 months, and the balance in 12 months.
- 41 Pres't worth at 6 pr. ct. of \$950, of which \$450 are to be paid in 3 mo. and the residue in 9mo.
- 42 Pres't worth at 6 pr. ct. of \$800, $\frac{1}{2}$ payable in 60 days, and the residue in 120 days.
- 43 Pres't worth at 4 pr. ct of \$1395.72, of which \$300 are to be paid in 4 mo., \$300 in 8 mo., \$300 in 12 mo., and the residue in 16 mo.
- 44 Pres't worth at 6 pr. ct. of \$973.25, $\frac{1}{2}$ payable in 5 mo., and the other half in 10 mo.
- 45 Pres't worth at 5 pr. ct. of \$243.81 due in two equal payments at 6 and 9 months.

Sec. 34.

- 1 Bought 9 cwt. 2 qr. 17lb sugar at \$7.87½ per cwt. and sold it at 9 cents per lb. What gain?
- 2 Bo't 6 cwt. 2 qr. 11 lb. coffee at \$14.37½ per cwt., and sold it at 18¾ cts. per lb. What gain?
- 3 Bo't 187 gals. wine at 95 cts. per gal. and sold it at \$1.25 per gal. What gain?
- 4 Bo't 3 chests of tea, each 78½ lbs. at 47 cts. per lb., and sold it at 62½ cts. What gain?
- 5 Bo't 113 gals. sperm oil at \$1.15 per gal., and sold it at 31½ cts. per qt. What gain?
- 6 Bo't 85½ yds. broadcloth at \$3.62½ per yd., and sold it at \$4.50 per yard. What gain?
- 7 Bo't 31 yds. linen at 13½ cts. per yd., and sold the whole for \$5. What gain or loss?
- 8 Bo't 12 lb 6 $\frac{2}{3}$ of drugs at \$3.50 per lb , and sold them at 50 cts. per $\frac{2}{3}$. What gain or loss?
- 9 Bo't 146 lbs. of butter at 17 cts per lb., and sold 62 lbs. of it at 25 cts., 54 lbs. at 20 cts. and the remainder at 12½ cts. What gain?
- 10 Bo't 6 pieces muslin, each 28½ yds., at 16½ cts. pr.yd. and sold it at 18¾ cts. pr.yd. What gain?
- 11 Bo't 5 ps. calico, each 24½ E.E. at 19 cts. pr. ell, and sold it at 17 cts. pr.yd. What gain or loss?
- 12 Bo't 277 E. Fl. of linen at 22 cts. per ell, and sold it at 28 cts. per yd. What gain or loss?
- 13 Bo't 11 ps., in all 297 yds. lawn at 38 cts. pr.yd. and sold it at 62½ cts. pr.E.E. What gain or loss?
- 14 Bo't 14½ lbs. nutmegs at \$1.40 per lb. and sold them at 12½ cts. per oz. What gain?
- 15 Bo't 147½ bushels salt at 56½ cts. per bu. and sold it at 18¾ cts. per peck. What gain?

Sec. 34.

- 16 Bought $28\frac{1}{2}$ yds. cloth at \$4.50 per yd. $57\frac{1}{4}$ do. at \$1.75 per do. and 88 do. at \$1.60 pr. do. and sold the whole for \$450. What gain or loss?
- 17 Bo't 341 bushels potatoes at 45 cts. pr. bu. and sold them at $12\frac{1}{4}$ cts. pr. peck. What gain?
- 18 Bo't 376 oranges at $37\frac{1}{2}$ cts. per doz., and sold them at $6\frac{1}{4}$ cts. each. What gain?
- 19 Bo't 482 lemons at 22 cts. per dozen, and sold them at $6\frac{1}{4}$ cts. for 3. What gain?
- 20 Bo't 76 gals. of gin at $87\frac{1}{2}$ cts. per gal. and sold it at 16 cts. per pint. What gain?
- 21 Bo't $6\frac{2}{3}$ dozen slates at \$1.45 per doz., and sold them at $18\frac{3}{4}$ cts. each. What gain?
- 22 Bo't $86\frac{1}{4}$ gals. molasses at 42 cts. per gal. and sold it at $15\frac{1}{2}$ cts. per qt. What gain?
- 23 Bo't $7\frac{4}{7}$ doz. penknives at \$6.87 $\frac{1}{2}$ per doz., and sold them at $87\frac{1}{2}$ cts. each. What gain?
- 24 Bo't 68 pair of boots at \$2.87 $\frac{1}{2}$ per pair, and sold them at \$3.50 per pair. What gain?
- 25 Bo't $8\frac{1}{2}$ dozen caps at \$22.50 per doz., and sold them at \$2.25 each. What gain?
- 26 Bo't 1 hhd. of brandy at \$1.75 per gal., and sold it at 25 cts. per pint. What gain?
- 27 Bo't $346\frac{1}{2}$ lbs. cheese at $7\frac{1}{2}$ cts. per lb., and sold it at $12\frac{1}{2}$ cts. What gain?
- 28 Bo't $10\frac{5}{7}$ dozen bonnets at \$19.50 per doz., and sold them at \$1.75 each. What gain?
- 29 Bo't $2\frac{7}{12}$ groce of buttons for \$12.50, and sold them at $37\frac{1}{2}$ cts. per doz. What gain or loss?
- 30 Bo't 6 groce of pencils at \$3 per groce, and sold them at $37\frac{1}{2}$ cts. per doz. What gain?

Sec. 35.

- 1 Bought 470 lbs. of tea for \$325.80, and sold it at 75 cts. per lb. What gain on the whole? and what gain per cent?
- 2 Bought 68 brls. of flour at \$5.87½ per brl., and retailed it at \$1 per 26 lbs. What gain on the whole? and what, per cent?
- 3 Bought 3716 lbs. of cheese at \$8.75 per C. (or 100 lbs.) and sold it at 9¾ cts. per lb. What gain on the whole? and what, per cent?
- 4 Bo't 497 yds. muslin at 14½ cts. per E. English, and sold it at 16¾ cts. per yd. What gain or loss on the whole? and what, pr. ct.?
- 5 Bought 87½ dozen hats at \$12.50 per doz., and sold them at \$1.25 each. What gain on the whole? and what, per cent?
- 6 Bo't 16½ dozen pair of hose, at \$2.87½ per doz., and sold them at 28 cts. per pair. What gain on the whole? and what, per ct.?
- 7 Bo't 7½ dozen bottles of wine at \$9.50 per doz., and sold them at \$1.12½ per bottle. What gain on the whole? and what, per ct.?
- 8 Bo't 672 E. Flemish of linen at 28 cts. per ell, and sold it at 37½ cts. per yd. What gain or loss on the whole? and what, per cent?
- 9 Bo't 987 lbs. of sugar at \$6.87½ per C., and retailed it at 8 cts. per lb. What gain on the whole? and what, per cent?
- 10 Bo't 4 firkins butter containing 294 lbs. at 14¾ cts. pr. lb. and sold 76 lbs. at 19 cts., 67 lbs. at 17½ cts., 80 lbs. at 15 cts., and the balance at 11 cts. What gain on the whole? and what pr. ct.?

Sec. 35.

- 11 Bought goods for \$35, and sold them at \$37.50. What gain per cent?
- 12 Bought sugar at \$8.75 per cwt. and sold it at 9 cts. per lb. What gain per cent?
- 13 Bo't 340 lbs. coffee at \$13.50 per C. and sold it at 14 cts. per lb. What gain per cent?
- 14 Bo't 70 lbs. nutmegs at \$1.37½ per lb. and sold them at 11 cts. pr. oz. What gain pr. ct.?
- 15 Bought flour at \$6.50 per bbl. and sold it at 25 cts. per 6 lb. What gain or loss per cent?
- 16 Bo't buttons at 37½ cts. per groce, and sold them at 6 cts per dozen. What gain per ct.?
- 17 Bo't 2112 lbs. of cheese at 8 cts per lb., and sold it at 11½ cents. What gain per cent?
- 18 Bo't 46 boxes raisins each 24½ lbs. at 11¼ cts. per lb. & sold them at 15 cts. What gain pr. ct.?
- 19 Bo't cherries at 40 cts. per bushel, and sold them at 2 cts per qt. What gain per cent?
- 20 Bo't hay at \$1.50 per cwt. and sold it at \$1.50 per C. What gain per cent.
- 21 Bo't 145 bushels of potatoes at 40 cts. per bu. and sold them at 9 cts. per peck. What gain or loss per cent?
- 22 Bo't 26¼ yds. of linen at 68¾ cts. per yd., and sold it at 75 cts. per E. English. What gain or loss per cent?
- 23 Bo't 2 pipes wine at \$1.12½ per gal. one of which was sold at \$1.50, and the other at \$1.37½ per gal. What gain per cent?
- 24 Bo't 26 reams paper at \$2.75 per ream and sold it at 18¾ cts. per quire. What gain pr. ct.?

(71.)

Sec. 36.

1	Square of 12	32	✓6
2	do. of 13	33	8
3	do. of 17	34	47
4	do. of 26	35	124
5	do. of 39	36	19.7
6	do. of 43	37	2546.25
7	✓144	38	4874.17
8	169	39	386.2971
9	289	40	6.87345
10	676	41	571.367
11	1521	42	.7865
12	1849	43	.249371
13	5329	44	.25
14	15376	45	.007685
15	17161	46	.00047
16	55225	47	1.9
17	591361	48	344.196
18	75625	49	37.0011
19	165649	50	$\frac{4}{180}$
20	5508409	51	$\frac{121}{676}$
21	279190681	52	$\frac{351}{978}$
22	63409369	53	$\frac{4741}{7170}$
23	4793684	54	$\frac{21127}{2401}$
24	9782674	55	Square of .25
25	735646	56	do. of .025
26	472981	57	do. of $\frac{1}{4}$
27	380643	58	do. of $1\frac{3}{4}$
28	67257619	59	✓.0625
29	57413425	60	.000625
30	92	61	$\frac{1}{4}$
31	17	62	$3\frac{1}{18}$

Sec. 36.

63	Cube of 7	94	$\sqrt[3]{343}$	
64	do. of 12	95	$\frac{21197}{2741}$	
65	do. of 25	96	$\frac{6303}{512}$	
66	do. of 100	97	$\frac{174}{27}$	
67	do. of 36	98	$\frac{213}{27}$	
68	do. of 235	99	$\frac{73}{27}$	
69	$\sqrt[3]{343}$	100	$\frac{141}{27}$	
70	1728	101	3d power of $\frac{1}{8}$	
71	15625	102	do. of $\frac{1}{27}$	
72	1000000	103	do. of $\frac{1}{1000}$	
73	46656	104	do. of $\frac{1}{1000}$	
74	12977875	105	do. of $\frac{1}{1000}$	
75	35287552	106	do. of .5	
76	64048012001	107	do. of .05	
77	34965783	108	do. of .004	
78	129544216	109	$\sqrt[3]{\frac{1}{8}}$	
79	14706.125	110	$\frac{1}{8}$	
80	39512.447416	111	$\frac{1}{27}$	
81	295.408296	112	$\frac{8}{27}$	
82	10403459	113	$\frac{27}{64}$	
83	944075141	114	.125	
84	324242.603	115	.000125	
85	436194.37	116	.000000064	
86	71489	117	$\frac{3}{7}$	
87	7	118	$\frac{1}{8}$	
88	2.48	119	$\frac{4}{3}$	
89	937.014367	120	$\frac{154}{8}$	
90	2744	121	$\frac{49}{27}$	
91	1164.258	122	.004913	
92	4379312	123	.000002197	
93	841236824	124	.085184	

APPENDIX.—CONTRACTIONS.

Sec. 37.

1	3147283	×	25	30	115	×	115
2	293865	×	75	31	125	×	125
3	438965	×	125	32	77	×	73
4	358347	×	875	33	84	×	86
5	437923	×	9999	34	48	×	42
6	3286547	×	994	35	89	×	91
7	253783	×	25	36	82	×	78
8	596794	×	25	37	1112	×	1088
9	383726	×	25	38	413746	÷	25
10	293485	×	75	39	578437	÷	75
11	1467841	×	75	40	343784	÷	125
12	293571	×	75	41	784637	÷	875
13	1457361	×	125	42	143764283	÷	9999
14	437582	×	125	43	57864372	÷	9993
15	3145639	×	125	44	517384	÷	25
16	457356	×	875	45	6358672	÷	25
17	359417	×	875	46	7846935	÷	25
18	436518	×	875	47	5378462	÷	75
19	318057	×	1125	48	784356	÷	75
20	437143	×	1125	49	3576435	÷	75
21	364686	×	999	50	1437538	÷	125
22	457383	×	99999	51	3596857	÷	125
23	573645	×	99	52	738645	÷	125
24	737315	×	997	53	3572463	÷	875
25	437843	×	9993	54	7356924	÷	875
26	315437	×	9988	55	43682735	÷	875
27	35	×	35	56	74382657	÷	999
28	45	×	45	57	5784568	÷	991
29	95	×	95	58	63235178	÷	992

Sec. 38.

- 1 Reduce £.315 to Guineas.
- 2 " 160 Guineas to £.
- 3 " 180 yds. to Flemish Ells.
- 4 " 150 Fl. Ells to French Ells.
- 5 " 348 Fr. Ells to yds.
- 6 " 72 barrels to tierces.
- 7 " 120 tierces to hhds.
- 8 " 605 Dry gallons to Wine gallons.
- 9 " 539 hhds. Beer Measure to hhds.
Wine M.
- 10 " 940 Guineas to £.
- 11 " 432 hhd. Beer M to barrels Beer M.
- 12 " 752 bbl. Wine M. to barrels Beer M.
- 13 " 1078 bbl. Beer M. to barrels Wine M.
- 14 " 354 puncheons to pipes.
- 15 " 564 pipes to puncheons.
- 16 " 416 French Ells to yds.
- 17 " 43 rods, 3 yd. 2 ft. 4 in. to ins.
- 18 " 1120 inches to rods, yards, &c.
- 19 Add 13 rd. 3 yd. 2 ft. 4 in. + 14 rd. 4 yd. 2 ft.
9 in. + 26 rd. 3 yd. 2 ft. 7 in. + 38 rd. 4 yd. 7 in.
- 20 From 13 rd. 1 yd. 2 ft. 4 in., subtract 8 rd.
4 yd. 1 ft. 6 in.
- 21 Multiply 13 A. 3 R. 15 rd. 9 yd. 2 ft. 36 in.
by 5.
- 22 Divide 34 A. 2 R. 18 rd. 8 yd. by 5.
- 23 Oct. 18, 1844—March 12, 1843.
- 24 Dec. 6, 1845—April 18, 1840.
- 25 April 1, 1846—July 4, 1776.
- 26 March 1, 1840—Oct. 11, 1492.
- 27 March 1, 1800—July 4, 1776.

Sec. 39.

1	Reduce $\frac{315}{405}$	to its lowest terms.	28	Reduce $\frac{763}{1469}$	to its lowest terms.
2	Reduce $\frac{155}{440}$	to do.	29	" $\frac{381}{437}$	to do.
3	" $\frac{936}{1224}$	to do.	30	" $\frac{1547}{4480}$	to do.
4	" $\frac{425}{875}$	to do.	31	" $\frac{323}{1581}$	to do.
5	" $\frac{405}{855}$	to do.	32	" $\frac{437}{1729}$	to do.
6	" $\frac{612}{1908}$	to do.	33	" $\frac{919}{6907}$	to do.
7	" $\frac{858}{1122}$	to do.	34	" $\frac{607}{2047}$	to do.
8	" $\frac{153}{187}$	to do.	35	" $\frac{899}{2407}$	to do.
9	" $\frac{3432}{4488}$	to do.	36	" $\frac{1147}{2449}$	to do.
10	" $\frac{407}{444}$	to do.	37	" $\frac{1247}{2087}$	to do.
11	" $\frac{885}{1593}$	to do.	38	" $\frac{2191}{4801}$	to do.
12	" $\frac{135}{185}$	to do.	39	" $\frac{1271}{3077}$	to do.
13	" $\frac{900}{1125}$	to do.	40	" $\frac{1457}{3379}$	to do.
14	" $\frac{360}{488}$	to do.	41	" $\frac{798}{1083}$	to do.
15	" $\frac{364}{420}$	to do.	42	" $\frac{719}{8607}$	to do.
16	" $\frac{143}{221}$	to do.	43	" $\frac{589}{901}$	to do.
17	" $\frac{323}{493}$	to do.	44	" $\frac{767}{1121}$	to do.
18	" $\frac{483}{867}$	to do.	45	" $\frac{527}{713}$	to do.
19	" $\frac{667}{1073}$	to do.	46	" $\frac{4249}{9101}$	to do.
20	" $\frac{1203}{2515}$	to do.	47	" $\frac{667}{1711}$	to do.
21	" $\frac{913}{3071}$	to do.	48	" $\frac{4331}{8183}$	to do.
22	" $\frac{289}{527}$	to do.	49	" $\frac{481}{1663}$	to do.
23	" $\frac{169}{837}$	to do.	50	" $\frac{2279}{8708}$	to do.
24	" $\frac{436}{1477}$	to do.	51	" $\frac{1569}{8831}$	to do.
25	" $\frac{221}{427}$	to do.	52	" $\frac{1581}{9828}$	to do.
26	" $\frac{221}{1183}$	to do.	53	" $\frac{713}{1668}$	to do.
27	" $\frac{143}{837}$	to do.	54	" $\frac{637}{1573}$	to do.

Sec. 40.

- 1 Add $\frac{1}{2} + \frac{2}{3} + \frac{1}{4} + \frac{3}{5} + \frac{5}{6}$
- 2 " $\frac{3}{5} + \frac{7}{10} + \frac{8}{15} + \frac{11}{30}$
- 3 " $7\frac{3}{4} + 11\frac{7}{60} + 8\frac{5}{12} + 9\frac{7}{15} + 3\frac{5}{6} + 4\frac{7}{20}$
- 4 " $5\frac{1}{2} + 7\frac{3}{4} + 8\frac{3}{4} + 5\frac{1}{6} + 9\frac{3}{8} + 4\frac{7}{24} + 11\frac{5}{12}$
- 5 " $\$4.18\frac{3}{4} + 5.37\frac{1}{2} + 2.35\frac{3}{8} + 4.45\frac{7}{8}$
- 6 " $51\frac{1}{2} + 43\frac{2}{3} + 37\frac{3}{4} + 14\frac{1}{6} + 23\frac{3}{8} + 11\frac{7}{24} + 17\frac{5}{12}$
- 7 " $\frac{1}{2} + \frac{2}{3} + \frac{3}{4} + \frac{5}{6} + \frac{7}{8} + \frac{9}{10} + \frac{11}{12}$
- 8 " $3\frac{1}{2} + 5\frac{1}{3} + 7\frac{3}{4} + 9\frac{5}{6} + 11\frac{7}{8} + 8\frac{5}{9} + 7\frac{5}{12}$
- 9 " $4\frac{1}{2} + 5\frac{2}{3} + 6\frac{3}{4} + 7\frac{4}{5} + 8\frac{5}{6} + 9\frac{7}{8} + 10\frac{9}{10} + 11\frac{9}{10} + 12\frac{11}{12}$
- 10 " $1\frac{2}{3} + 2\frac{3}{4} + 3\frac{7}{8} + 4\frac{11}{12} + 5\frac{11}{16} + 4\frac{5}{18} + 3\frac{1}{24}$
- 11 " $12\frac{1}{2} + 3\frac{3}{4} + 4\frac{3}{4}$
- 12 " $\frac{5}{9}$ of a week + $\frac{7}{10}$ of a day + $\frac{5}{7}$ of an hour.
- 13 " $\frac{2}{7}$ of £.15 + £.33 + $\frac{1}{3}$ of $\frac{4}{7}$ of $\frac{3}{8}$ of a £. + $\frac{2}{3}$ of $\frac{3}{7}$ of a shilling.
- 14 " $\frac{1}{4}$ of a cwt. + $8\frac{5}{8}$ lb. + $3\frac{9}{10}$ oz.
- 15 " $3\frac{3}{7}$ tons + $5\frac{1}{2}$ cwt. + $27\frac{5}{16}$ lb.
- 16 " $13\frac{7}{20}$ tons + $24\frac{3}{4}$ cwt. + $17\frac{15}{112}$ cwt. + $29\frac{5}{16}$ lb.
- 17 Sub. $56\frac{3}{4} - 23\frac{1}{4}$
- 18 " $323\frac{5}{12} - 156\frac{11}{12}$
- 19 " $457\frac{3}{8} - 316\frac{7}{8}$
- 20 " $325\frac{1}{3} - 95\frac{4}{5}$
- 21 " $134\frac{3}{16} - 107\frac{5}{12}$
- 22 " $237\frac{4}{15} - 158\frac{9}{20}$
- 23 " $517\frac{5}{14} - 365\frac{3}{70}$
- 24 " $384\frac{5}{12} - 236\frac{7}{18}$
- 25 " $597\frac{7}{12} - 345\frac{3}{11}$
- 26 " $437\frac{5}{6} - 318\frac{4}{6}$
- 27 Mul. $2747\frac{3}{7} \times \frac{7}{8}$
- 28 " $3436\frac{5}{12} \times \frac{7}{8}$
- 29 " $3128\frac{4}{3} \times \frac{2}{3}$
- 30 " $47284\frac{4}{5} \times \frac{4}{3}$
- 31 " $5161\frac{5}{9} \times 4$
- 32 " $2116\frac{2}{3} \times 4$
- 33 " $4632\frac{2}{3} \times \frac{2}{3}$
- 34 " $3684\frac{5}{8} \times \frac{5}{7}$
- 35 " $215\frac{4}{17} \times \frac{5}{3}$
- 36 " $1237\frac{4}{23} \times \frac{3}{5}$

Sec. 41.

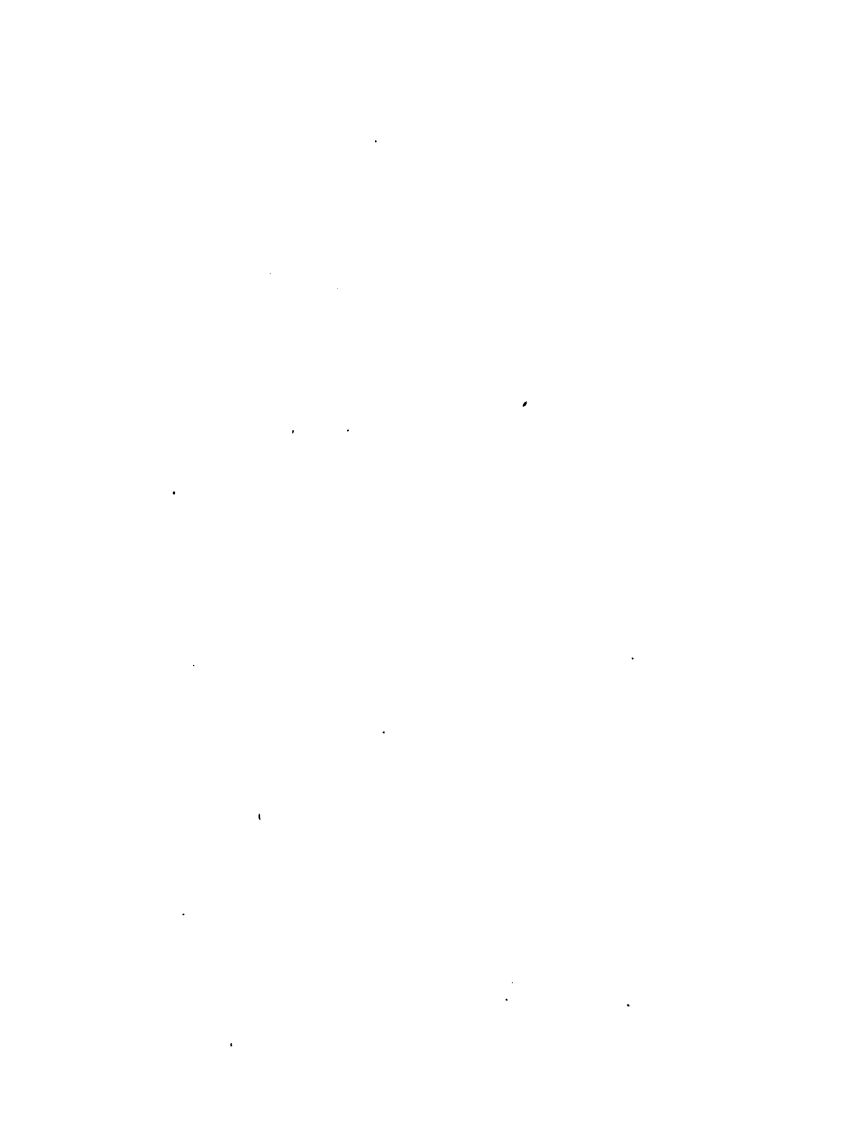
- 1 Sold goods which cost \$2400 at a loss of 8 per cent. What did I receive for them?
- 2 By selling goods at \$2880, I lost 8 per cent. What did they cost me?
- 3 By selling goods for \$2616, I gained 9 per cent. What did they cost me?
- 4 What amount of bank notes which are at a discount of 4 per cent., will be required to pay a debt of \$3984?
- 5 A note which had ninety days to run, being discounted at bank, there was received on it \$8317.62. What was the amount of the note?
- 6 A miller sold corn at $37\frac{1}{2}$ cents a bushel, and thereby gained 20 per cent. What did it cost him per bushel?
- 7 What sum put to simple interest, will amount to \$10,170 in 21 years?
- 8 If A. can mow 3 acres in 5 hours, and B. 4 acres in 7 hours: how much will they both mow in one hour; and how long will they require to mow 82 acres?
- 9 A. can mow $3\frac{1}{2}$ acres in $5\frac{1}{4}$ hours, and B. can mow $2\frac{2}{3}$ acres in $3\frac{5}{8}$ hours: how long will it take A. and B. working together to mow $7\frac{1}{2}$ acres?
- 10 If A. can mow $3\frac{1}{2}$ acres in $2\frac{1}{3}$ hours, and A. and B. working together can mow $6\frac{2}{3}$ acres in $2\frac{2}{3}$ hours; in what time can B. mow $5\frac{1}{2}$ acres?
- 11 If A. can mow an acre of ground in $5\frac{2}{3}$ hours, and B. can mow $1\frac{3}{4}$ acres in $9\frac{1}{3}$ hours; in what time can they jointly mow $8\frac{1}{4}$ acres?

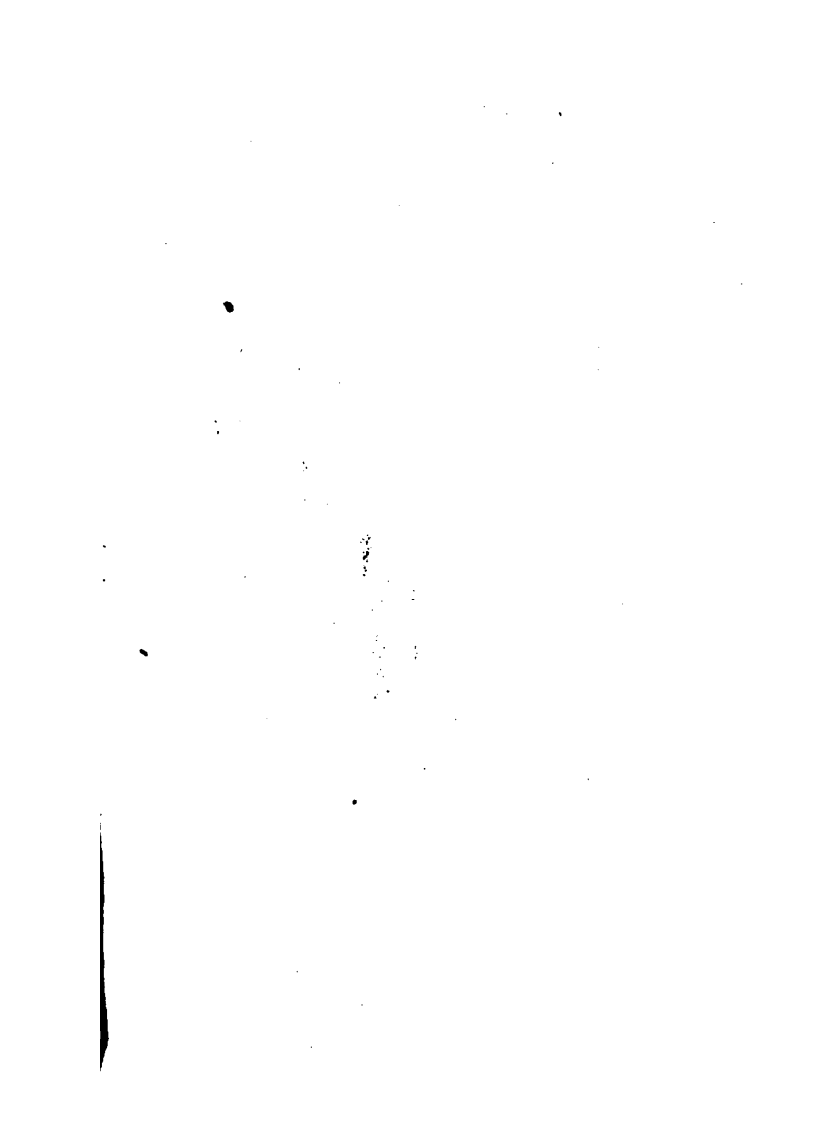


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